



November 13, 2007

State of Utah, Division of Oil, Gas and Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
**Pleasant Valley Federal Q-9-9-17**  
Pleasant Valley Unit  
UTU-74477X  
Surface Hole: T9S R17E, Section 9: SW/4SW/4  
718' FSL 763' FWL  
Bottom Hole: T9S R17E, Section 9: SW/4SW/4  
1318' FSL 1318' FWL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated October 26, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Pleasant Valley Federal Unit UTU-74477X. Newfield certifies that it is the Pleasant Valley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Pleasant Valley Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

**RECEIVED**

**NOV 16 2007**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
**UTU-50750**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA Agreement, Name and No.  
**Pleasant Valley Unit**

8. Lease Name and Well No.  
**Pleasant Valley Federal Q-9-9-17**

9. API Well No.

10. Field and Pool, or Exploratory  
**Monument Butte**

11. Sec., T., R., M., or Blk. and Survey or Area  
**Sec. 9, T9S R17E**

12. County or Parish  
**Duchesne**

13. State  
**UT**

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
**Newfield Production Company**

3a. Address  
**Route #3 Box 3630, Myton UT 84052**

3b. Phone No. (include area code)  
**(435) 646-3721**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **SW/SW 718' FSL 763' FWL**  
At proposed prod. zone **SW/SW 1318' FSL 1318' FWL**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 14.9 miles southeast of Myton, Utah**

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1318' f/ise, 1318' f/unit

16. No. of Acres in lease  
**360.00**

17. Spacing Unit dedicated to this well  
**20 Acres**

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1129'

19. Proposed Depth  
**6000'**

20. BLM/BIA Bond No. on file  
**WYB000493**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5277' GL**

22. Approximate date work will start\*  
**1st Quarter 2008**

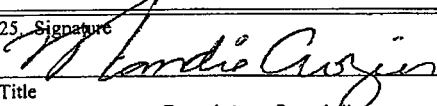
23. Estimated duration  
**Approximately seven (7) days from spud to rig release.**

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
  
Title  
**Regulatory Specialist**

Name (Printed/Typed)  
**Mandie Crozier**

Date  
**10/26/07**

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

**RECEIVED**

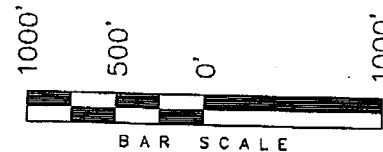
**NOV 16 2007**

**DIV. OF OIL, GAS & MINING**

*T9S, R17E, S.L.B.&M.*

*NEWFIELD PRODUCTION COMPANY*

WELL LOCATION, PLEASANT VALLEY  
Q-9-9-17, LOCATED AS SHOWN IN THE  
SW 1/4 SW 1/4 OF SECTION 9, T9S,  
R17E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF No. 189377

STACY W

REGISTERED LAND SURVEYOR  
REGISTRATION No. 40273  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED:  
09-05-07

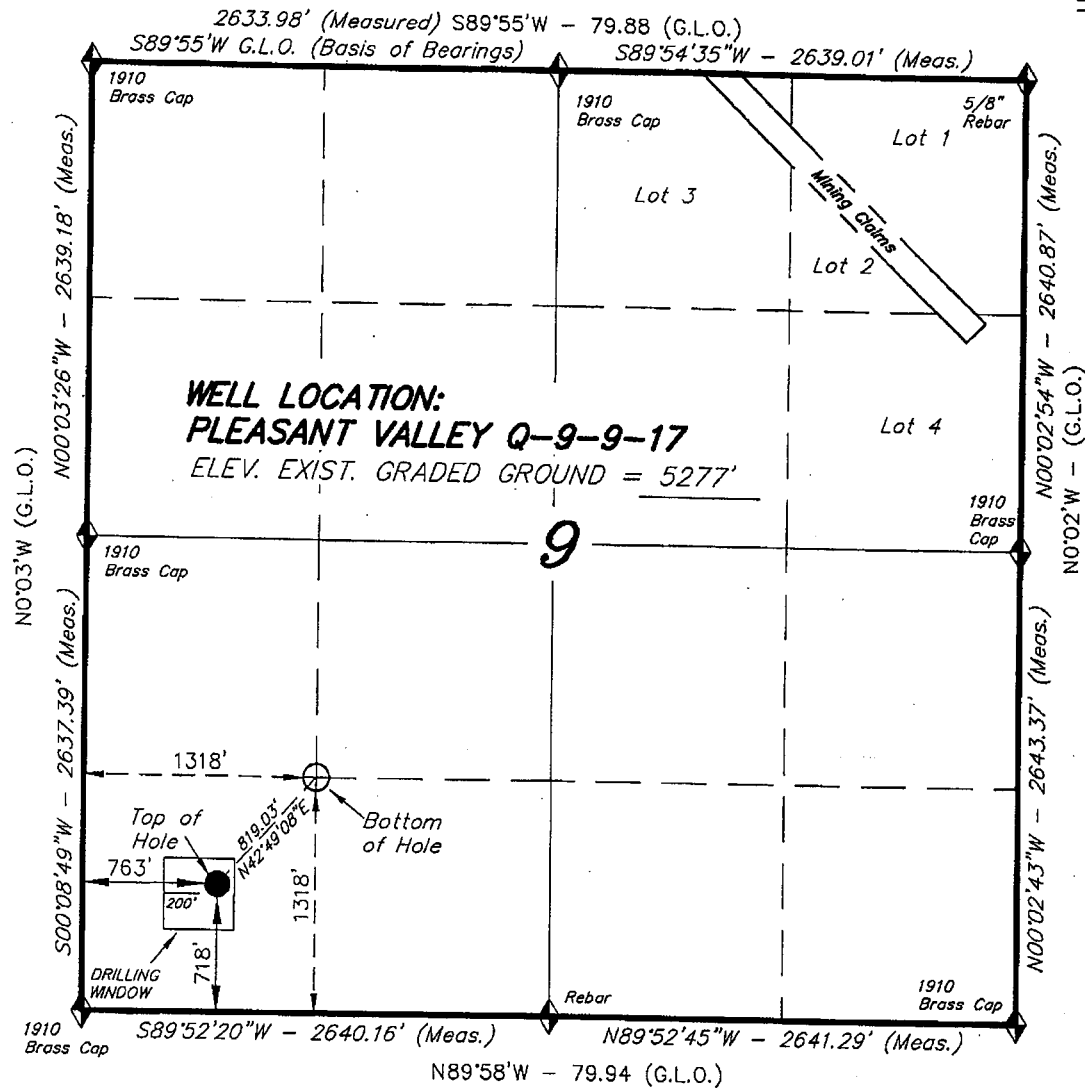
SURVEYED BY: T.H.

DATE DRAWN:  
09-21-07

DRAWN BY: F.T.M.

REVISÉD:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

PLEASANT VALLEY Q-9-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 02' 24.65"  
LONGITUDE = 110° 01' 05.90"

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #Q-9-9-17  
AT SURFACE: SW/SW SECTION 9, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2000'
Green River	2000'
Wasatch	6000'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2000' – 6000' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #Q-9-9-17  
AT SURFACE: SW/SW SECTION 9, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Pleasant Valley Federal #Q-9-9-17 located in the SW 1/4 SW 1/4 Section 9, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.3 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.4 miles  $\pm$  to it's junction with an existing road to the east; proceed easterly - 0.5 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.1 miles  $\pm$  to it's junction with the beginning of the access road to the existing Federal 14-9H-9-17 well lcoation.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 14-9H-9-17 well pad. See attached **Topographic Map "B"**.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Federal 14-9H-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pleasant Valley Federal Q-9-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Pleasant Valley Federal Q-9-9-17 will be drilled off of the existing Federal 14-9H-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-350, 10/23/07. Paleontological Resource Survey prepared by, Wade Miller, October 2007. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,030' of disturbed area be granted in Lease UTU-50750 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities

will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	2 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre

**Details of the On-Site Inspection**

The proposed Pleasant Valley Federal Q-9-9-17 was on-sited on 10/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

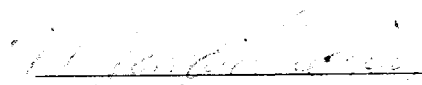
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #Q-9-9-17 SW/SW Section 9, Township 9S, Range 17E: Lease UTU-50750 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/23/07

Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

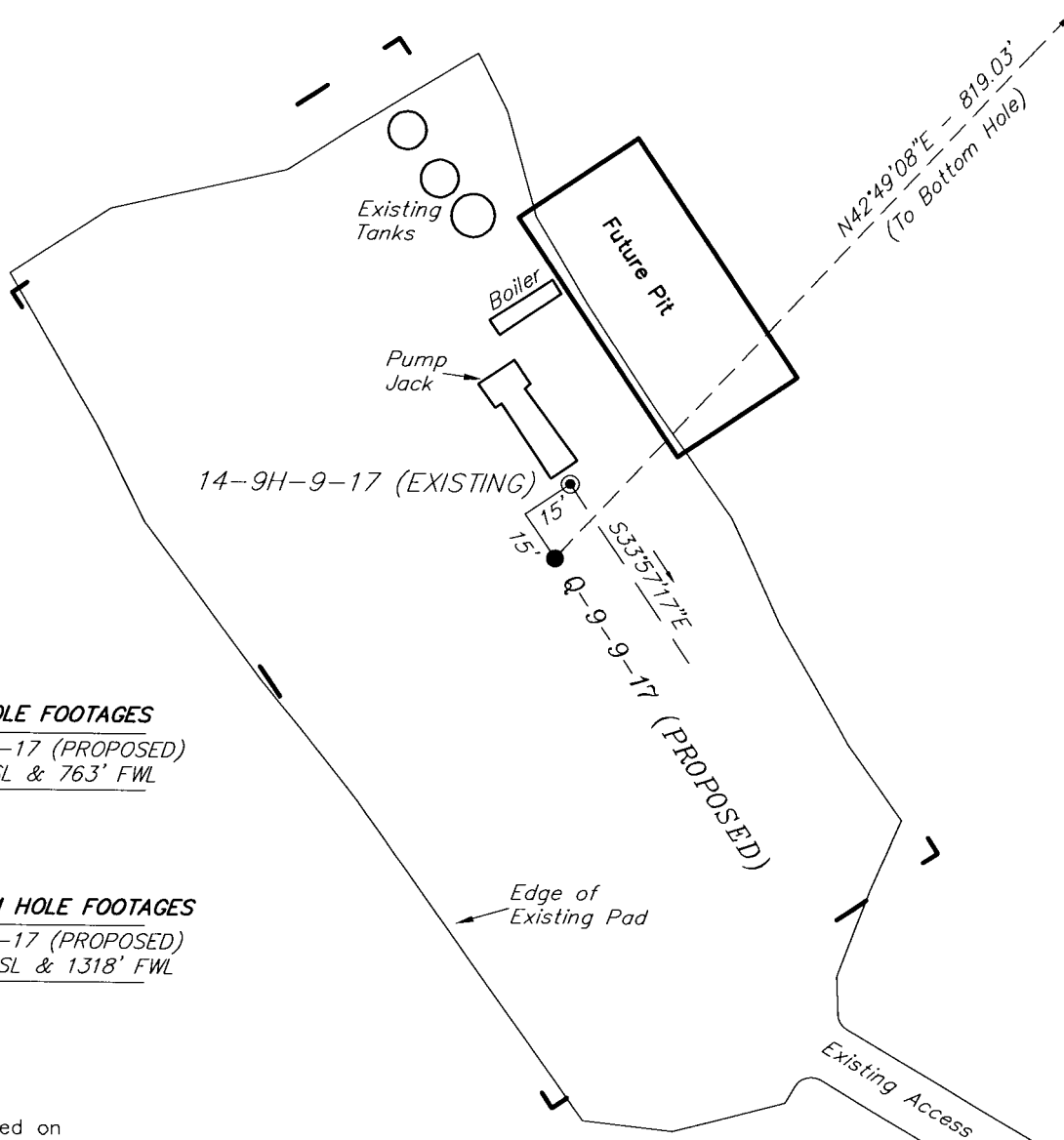
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

PLEASANT VALLEY Q-9-9-17 (Proposed Well)

PLEASANT VALLEY 14-9H-9-17 (Existing Well)

Pad Location: SWSW Section 9, T9S, R17E, S.L.B.&M.



### TOP HOLE FOOTAGES

Q-9-9-17 (PROPOSED)  
718' FSL & 763' FWL

### BOTTOM HOLE FOOTAGES

Q-9-9-17 (PROPOSED)  
1318' FSL & 1318' FWL

### Note:

Bearings are based on  
GLO Information.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
Q-9-9-17	601'	557'

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
Q-9-9-17	40° 02' 24.65"	110° 01' 05.90"
14-9H-9-17	40° 02' 24.86"	110° 01' 05.85"

SURVEYED BY: T.H.      DATE SURVEYED: 09-05-07  
DRAWN BY: F.T.M.      DATE DRAWN: 09-21-07  
SCALE: 1" = 50'      REVISED:

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

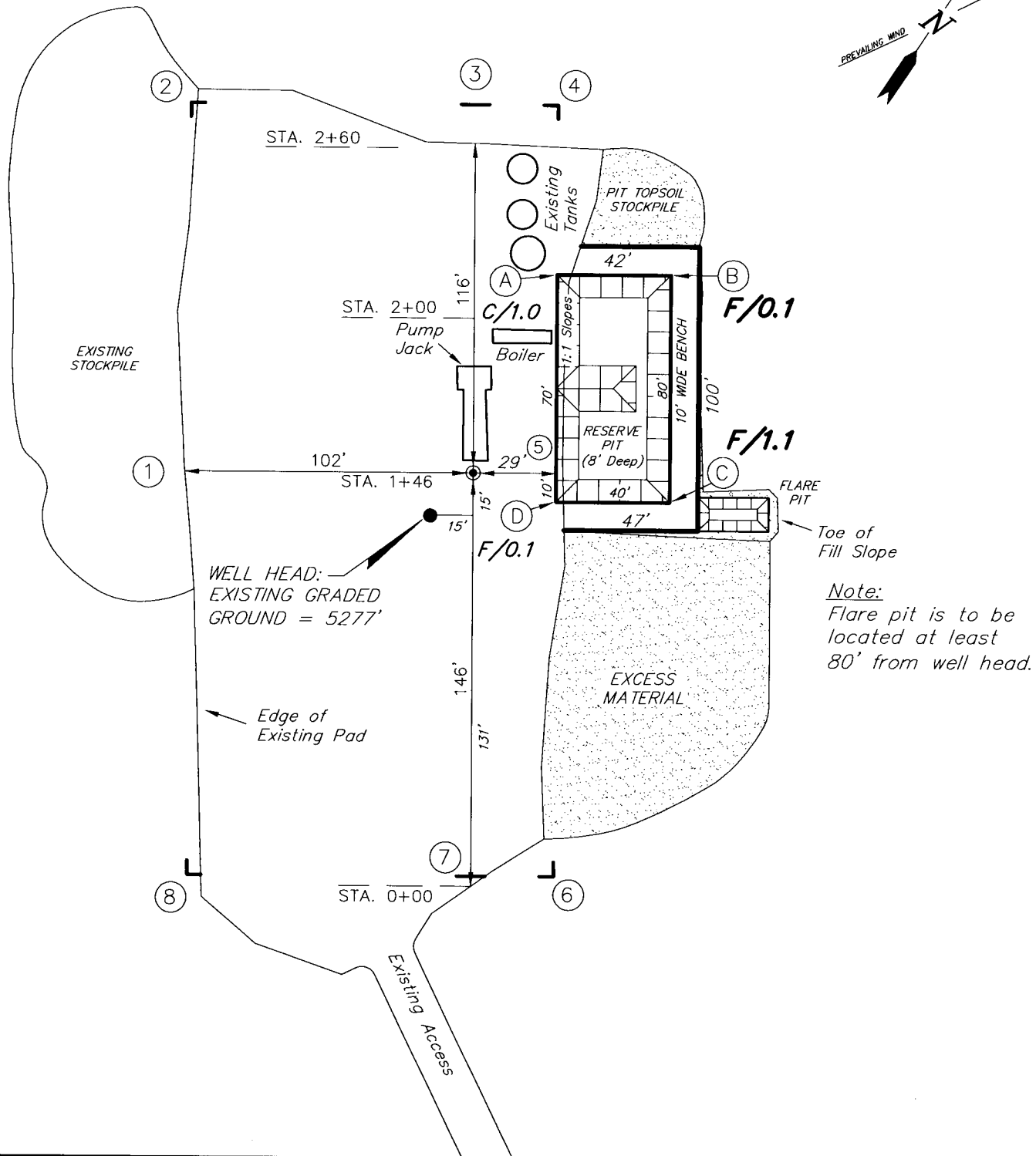
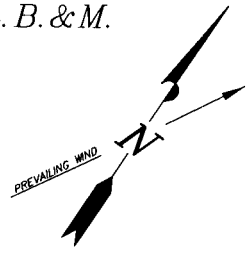


# NEWFIELD PRODUCTION COMPANY

PLEASANT VALLEY Q-9-9-17 (Proposed Well)

PLEASANT VALLEY 14-9H-9-17 (Existing Well)

Pad Location: SWSW Section 9, T9S, R17E, S.L.B.&M.



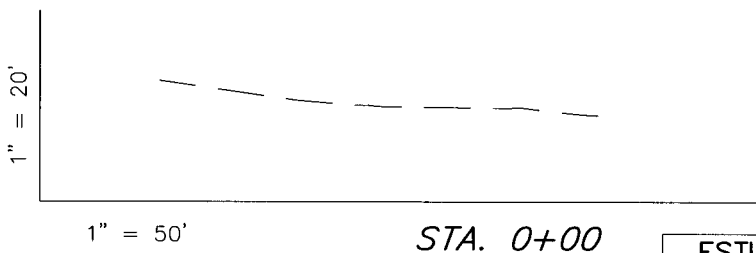
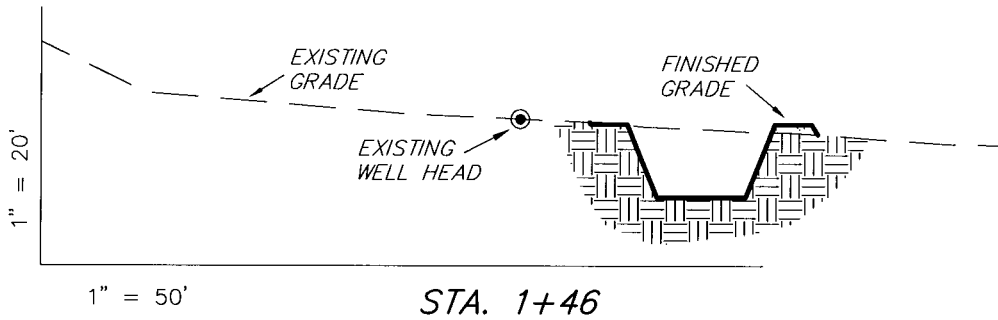
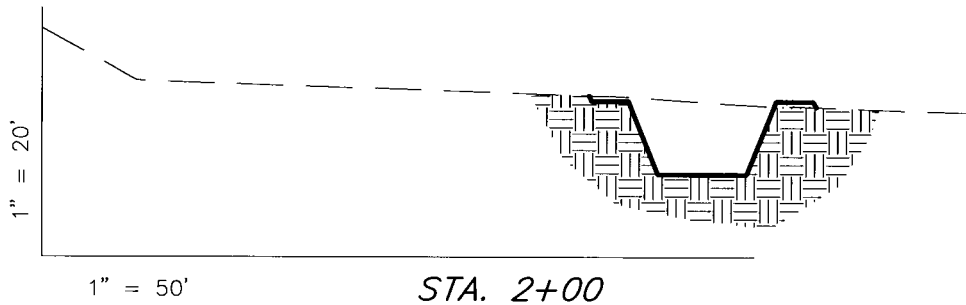
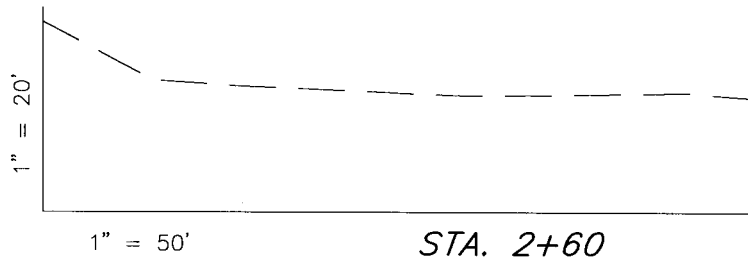
SURVEYED BY: T.H.	DATE SURVEYED: 09-05-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-21-07
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

PLEASANT VALLEY Q-9-9-17 (Proposed Well)  
PLEASANT VALLEY 14-9H-9-17 (Existing Well)



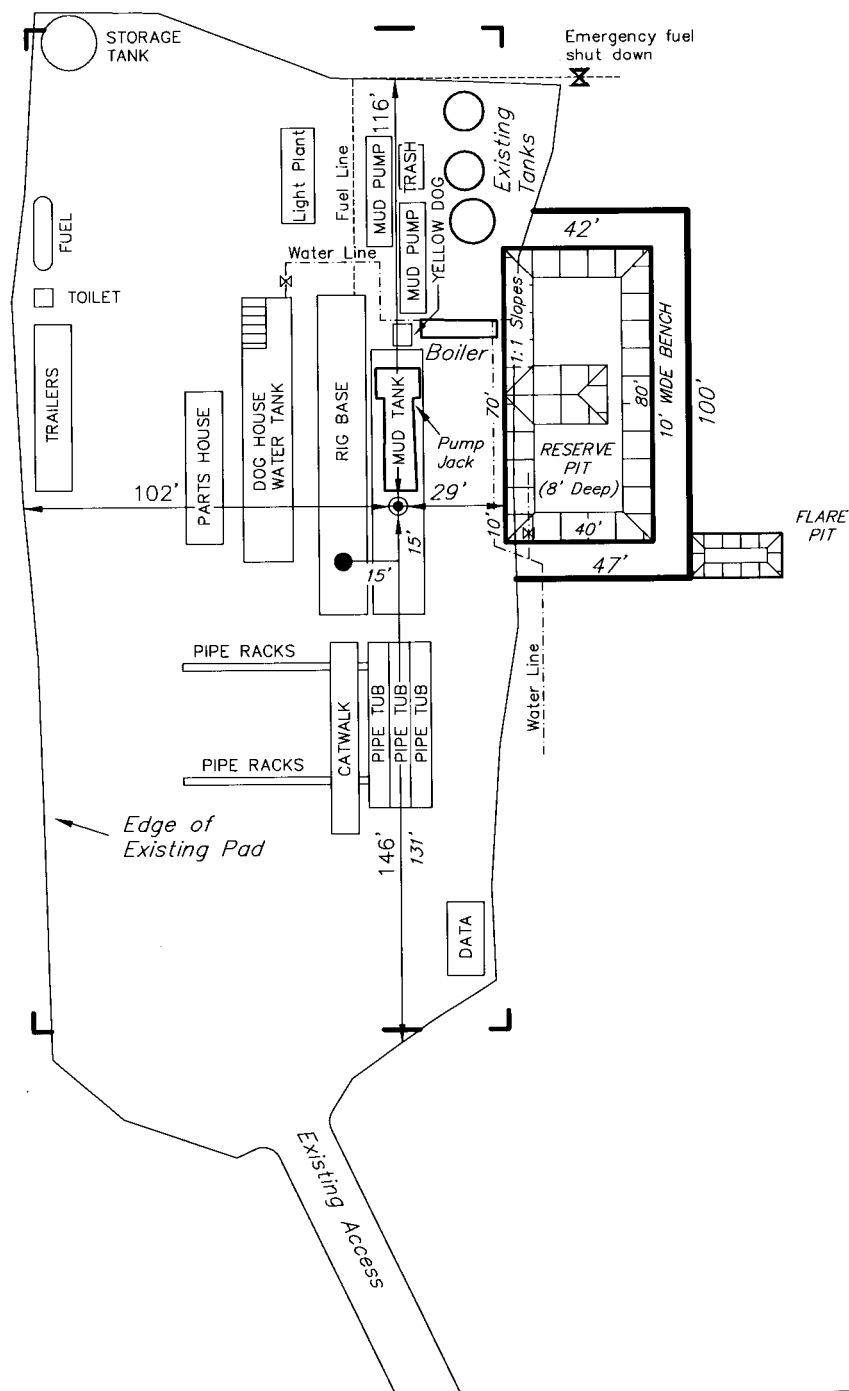
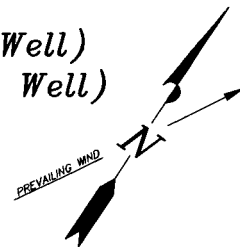
NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	70	Topsoil is not included in Pad Cut	-70
PIT	640	0		640
TOTALS	640	70	120	570

SURVEYED BY: T.H.	DATE SURVEYED: 09-05-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-21-07
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**PLEASANT VALLEY Q-9-9-17 (Proposed Well)**  
**PLEASANT VALLEY 14-9H-9-17 (Existing Well)**



Note:  
 Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 09-05-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-21-07
SCALE: 1" = 50'	REVISED:

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# Newfield Production Company Proposed Site Facility Diagram

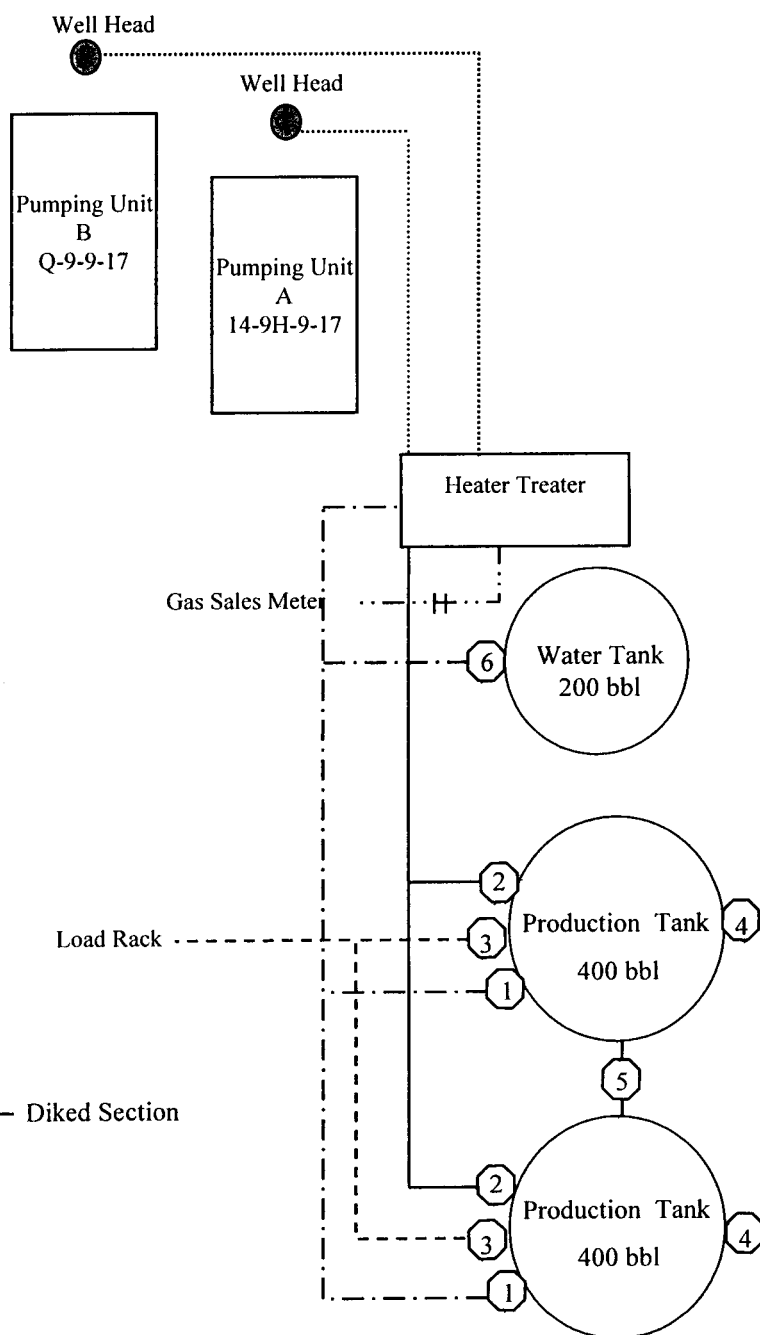
Pleasant Valley Federal Q-9-9-17

From the 14-9H-9-17 Location

SW/SW Sec. 9 T9S, 17E

Duchesne County, Utah

UTU-50750



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

## Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

## Sales Phase:

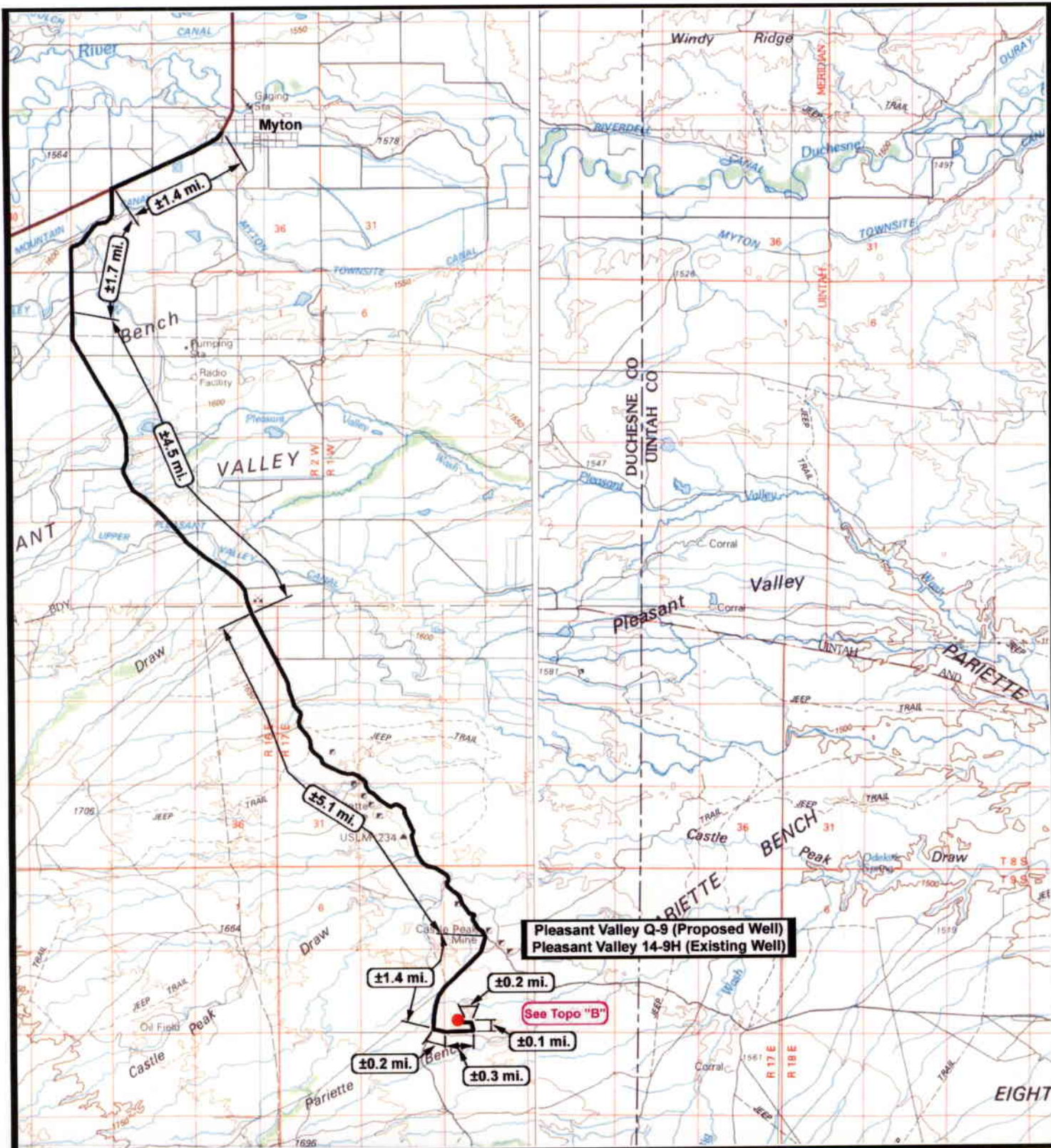
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

## Legend

Emulsion Line	.....
Load Rack	-----
Water Line	- - - - -
Gas Sales	.....
Oil Line	—————



Pleasant Valley Q-9 (Proposed Well)  
Pleasant Valley 14-9H (Existing Well)

See Topo "B"



**NEWFIELD**  
Exploration Company

**Pleasant Valley Q-9-9-17 (Proposed Well)**  
**Pleasant Valley 14-9H-9-17 (Existing Well)**  
Pad Location: SWSW Sec. 9, T9S, R17E, S.L.B.&M.



(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 10-01-2007

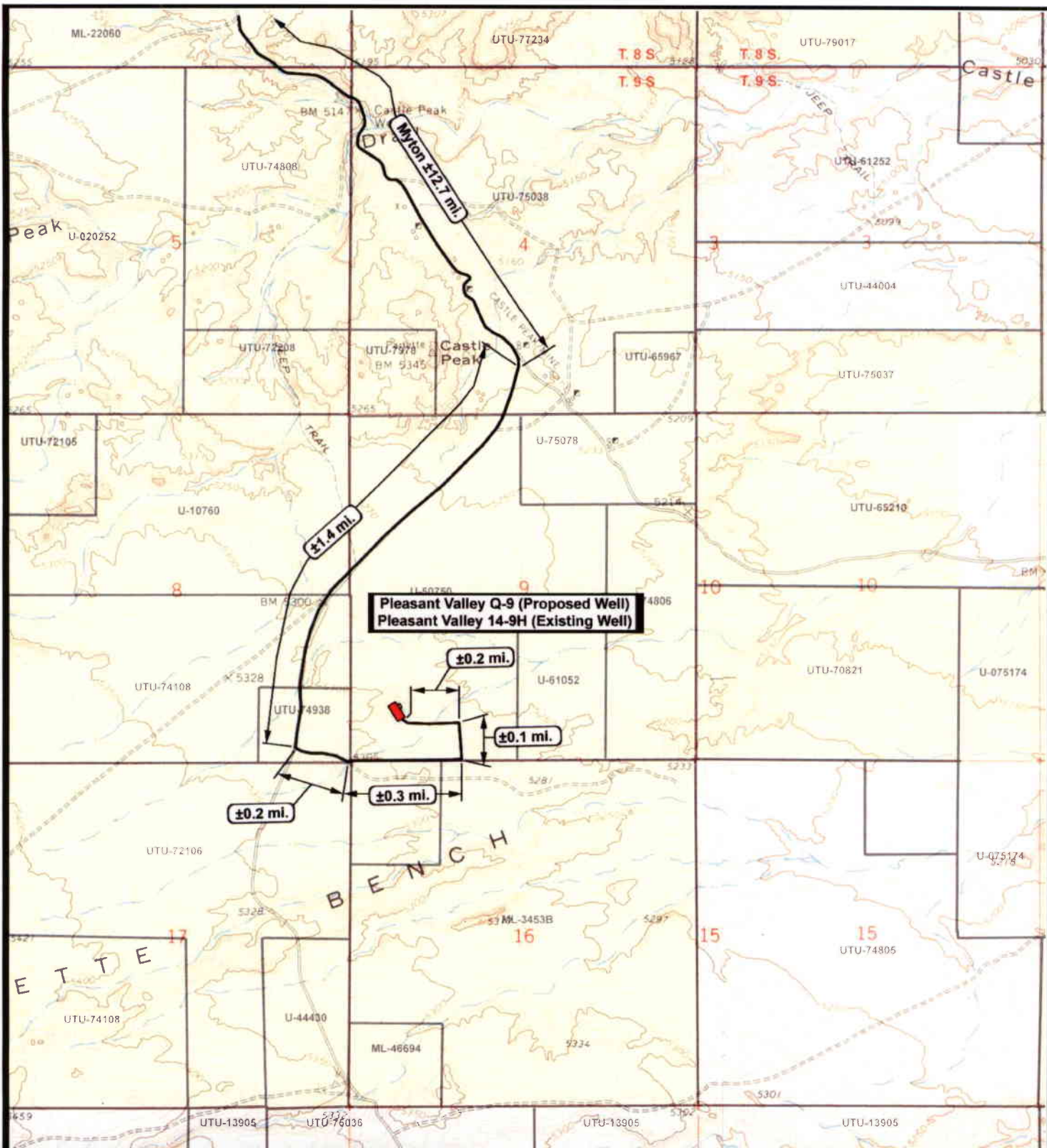
**Legend**




Existing Road

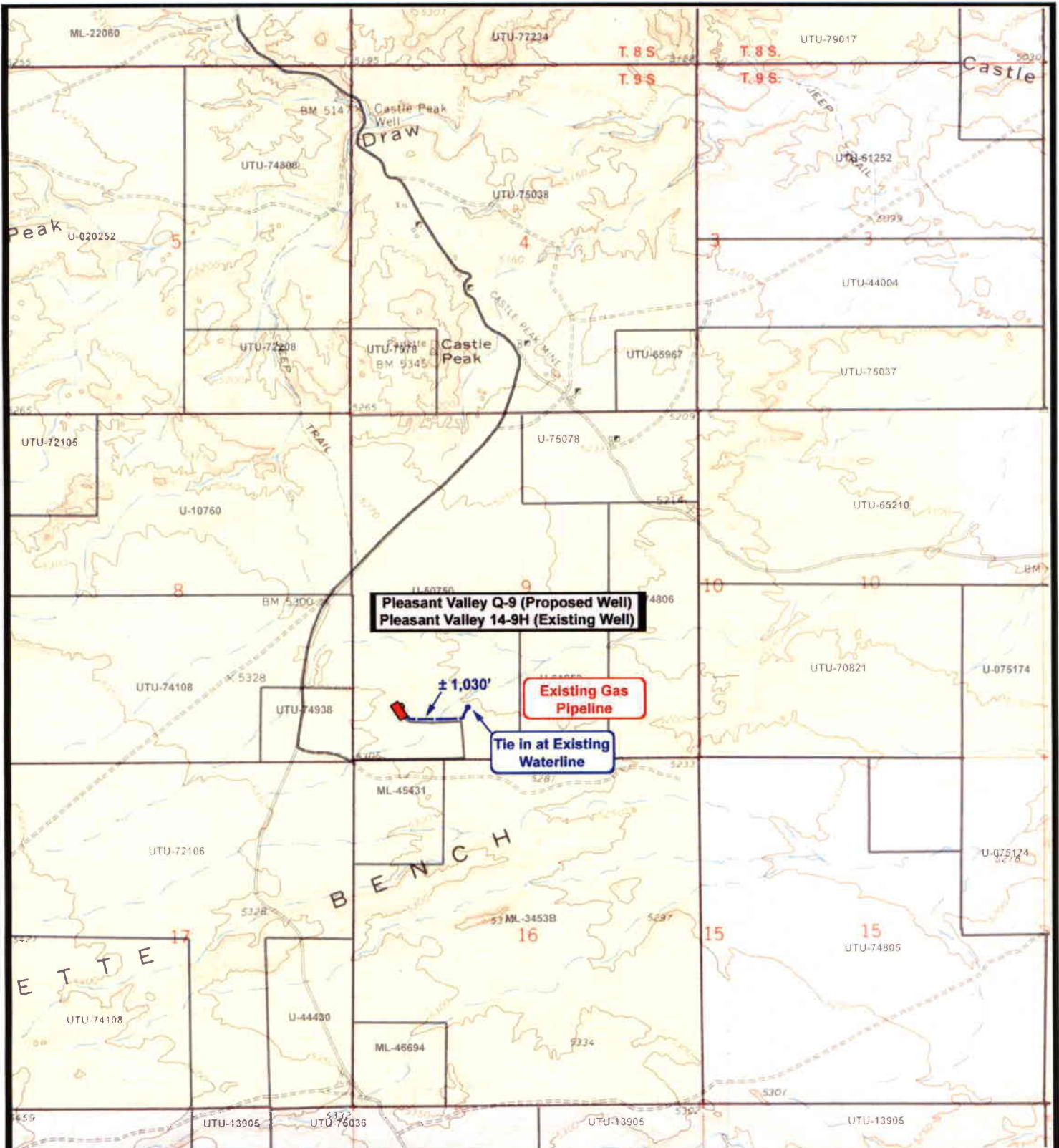
TOPOGRAPHIC MAP

**"A"**





 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p><b>Legend</b></p>
<p><b>Pleasant Valley Q-9-9-17 (Proposed Well)</b> <b>Pleasant Valley 14-9H-9-17 (Existing Well)</b> Pad Location: SWSW Sec. 9, T9S, R17E, S.L.B.&amp;M.</p>		<p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 10-01-2007</p>	<p>Existing Road</p> <p><b>TOPOGRAPHIC MAP</b></p> <p><b>"B"</b></p>



**NEWFIELD**  
Exploration Company

**Pleasant Valley Q-9-9-17 (Proposed Well)**  
**Pleasant Valley 14-9H-9-17 (Existing Well)**  
 Pad Location: SWSW Sec. 9, T9S, R17E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 10-01-2007

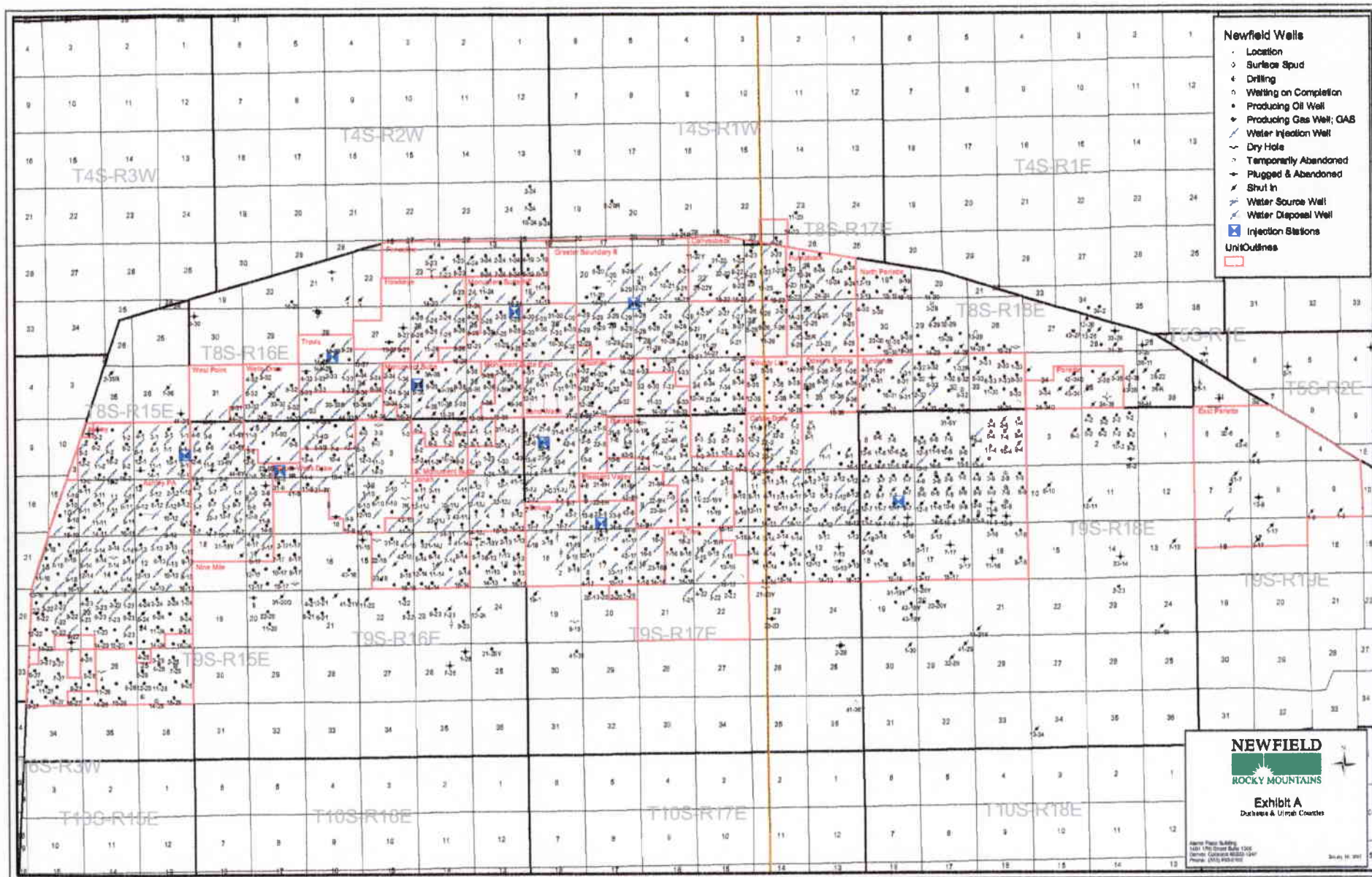
**Legend**

— Roads  
 - - - - - Proposed Water Line

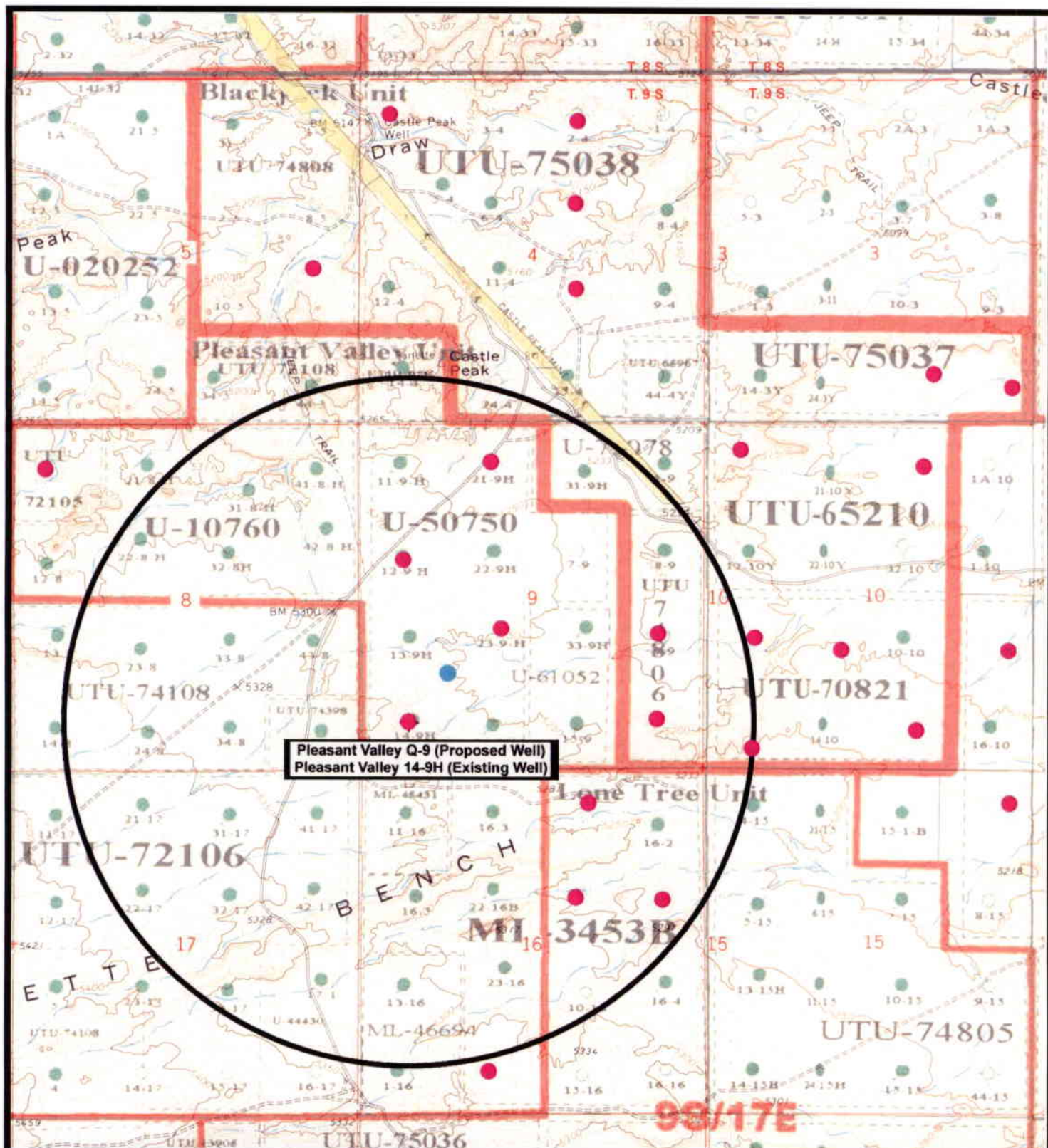
TOPOGRAPHIC MAP

**"C"**









**NEWFIELD**  
 Exploration Company

**Pleasant Valley Q-9-9-17 (Proposed Well)**  
**Pleasant Valley 14-9H-9-17 (Existing Well)**  
 Pad Location: SWSW Sec. 9, T9S, R17E, S.L.B.&M.



**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 10-01-2007**

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

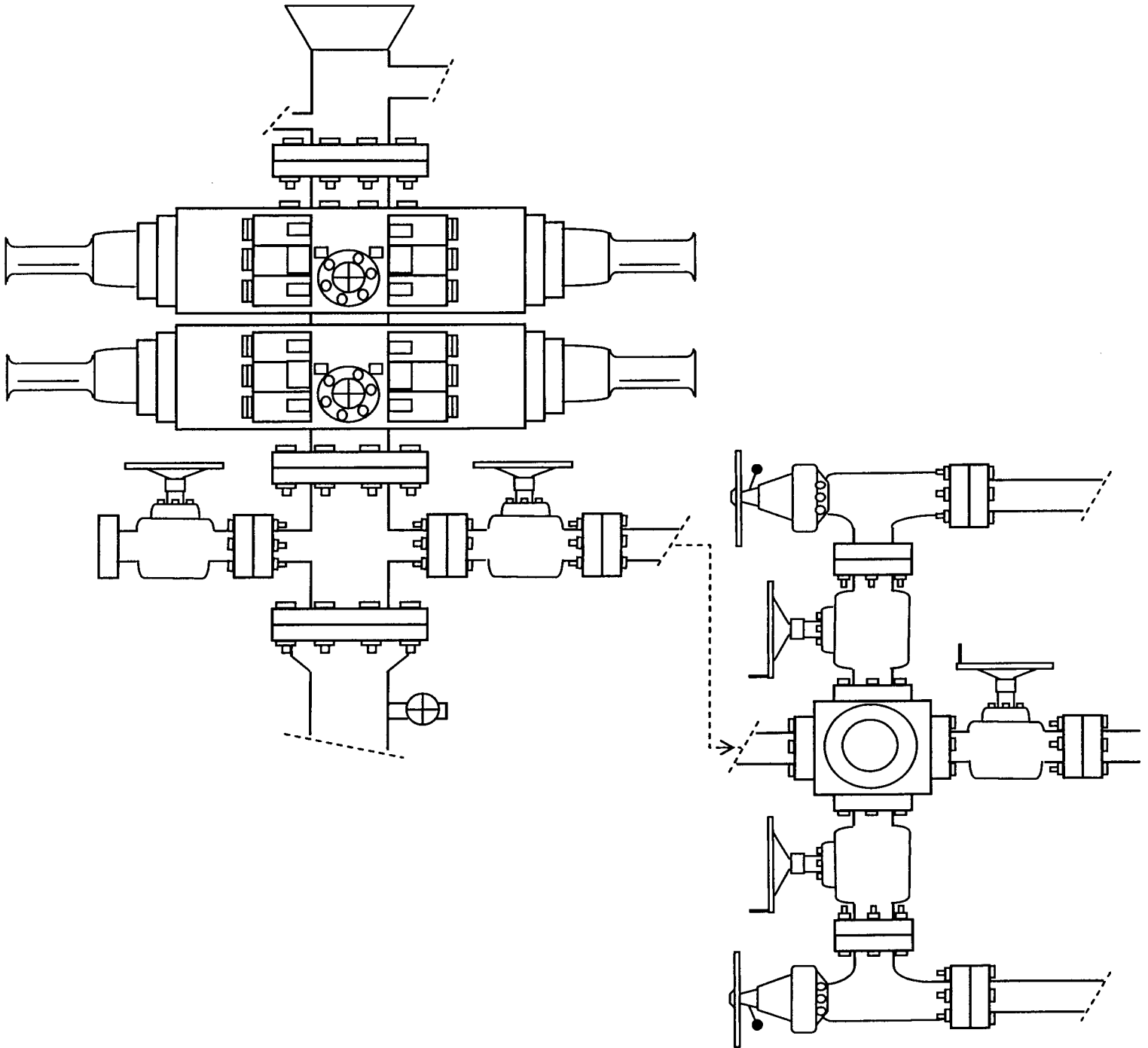


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S TEN PROPOSED  
WATERLINES: GB II G-29-8-17, GB II K-28-8-17,  
GB II I-27-8-17, JU L-14-9-16, JU M-14-9-16,  
SW Q-31-8-17, MB F-36-8-16, WD I-4-9-16,  
PV Y-4-9-17, AND PV Q-9-9-17,  
DUCHESNE AND UINTAH COUNTIES, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
State of Utah  
School and Institutional  
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company  
Rt. 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 219  
Moab, Utah 84532

MOAC Report No. 07-350

October 23, 2007

United States Department of Interior (FLPMA)  
Permit No. 07-UT-60122

State of Utah Public Lands Policy  
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)  
Permit No. U-07-MQ-1251b,s

282

**NEWFIELD EXPLORATION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
GAS AND WATER PIPELINE TIE-INS**

**14-9H-9-17 (SW 1/4, SW 1/4, Sec. 9, T 9 S, R 17 E); 14-4H-9-17  
(SW 1/4, SW 1/4, Sec. 4, T 9 S, R 17 E); II 8-28-8-17 (SE 1/4, NE 1/4, Sec. 28, T 8 S, R 17 E);  
II 8-27-8-17 (SE 1/4, NE 1/4, Sec. 27, T 8 S, R 17 E); 4-29-8-17 (NW 1/4, NW 1/4, Sec. 29,  
T 8 S, R 17 E); 12-31-8-17 (NW 1/4, SW 1/4, Sec. 31, T 8 S, R 17 E); 8-14-9-16 (SE 1/4, NE  
1/4, Sec. 14, T 9 s, R 16 E); 6-14-9-16 (SE 1/4, NW 1/4, Sec. 14, T 9 S, R 16 E); 42-4G-9-16  
(SE 1/4, NE 1/4, Sec. 4, T 9 S, R 16 E)**

**Duchesne County, Utah**

**REPORT OF SURVEY**

Prepared for:

**Newfield Exploration Company**

Prepared by:

Wade E. Miller  
October 30, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-50750

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Pleasant Valley Unit

8. Lease Name and Well No.

Pleasant Valley Federal Q-9-9-17

9. API Well No.

43613-33813

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 9, T9S R17E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface SW/SW 718' FSL 763' FWL

At proposed prod. zone SW/SW 1318' FSL 1318' FWL

14. Distance in miles and direction from nearest town or post office\*

Approximatley 14.9 miles southeast of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 1318' f/lse, 1318' f/unit

16. No. of Acres in lease

360.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

Approx. 1129'

19. Proposed Depth

6000'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5277' GL

22. Approximate date work will start\*

1st Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature



Name (Printed/Typed)

Mandie Crozier

Date

10/26/07

Title

Regulatory Specialist

Approved by (Signature)



Name (Printed/Typed)

BRADLEY G. HILL

Date

11-29-07

Title

ENVIRONMENTAL MANAGER

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Surv f

583820X

4432472Y

40. 040205

-110.017494

BHL

583986X

4432658Y

40. 041862

-110.015530

Federal Approval of this  
Action is Necessary

RECEIVED

NOV 20 2007

DIV. OF OIL, GAS & MINING

*NEWFIELD PRODUCTION COMPANY*



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF AQUIVA SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF No. 189377

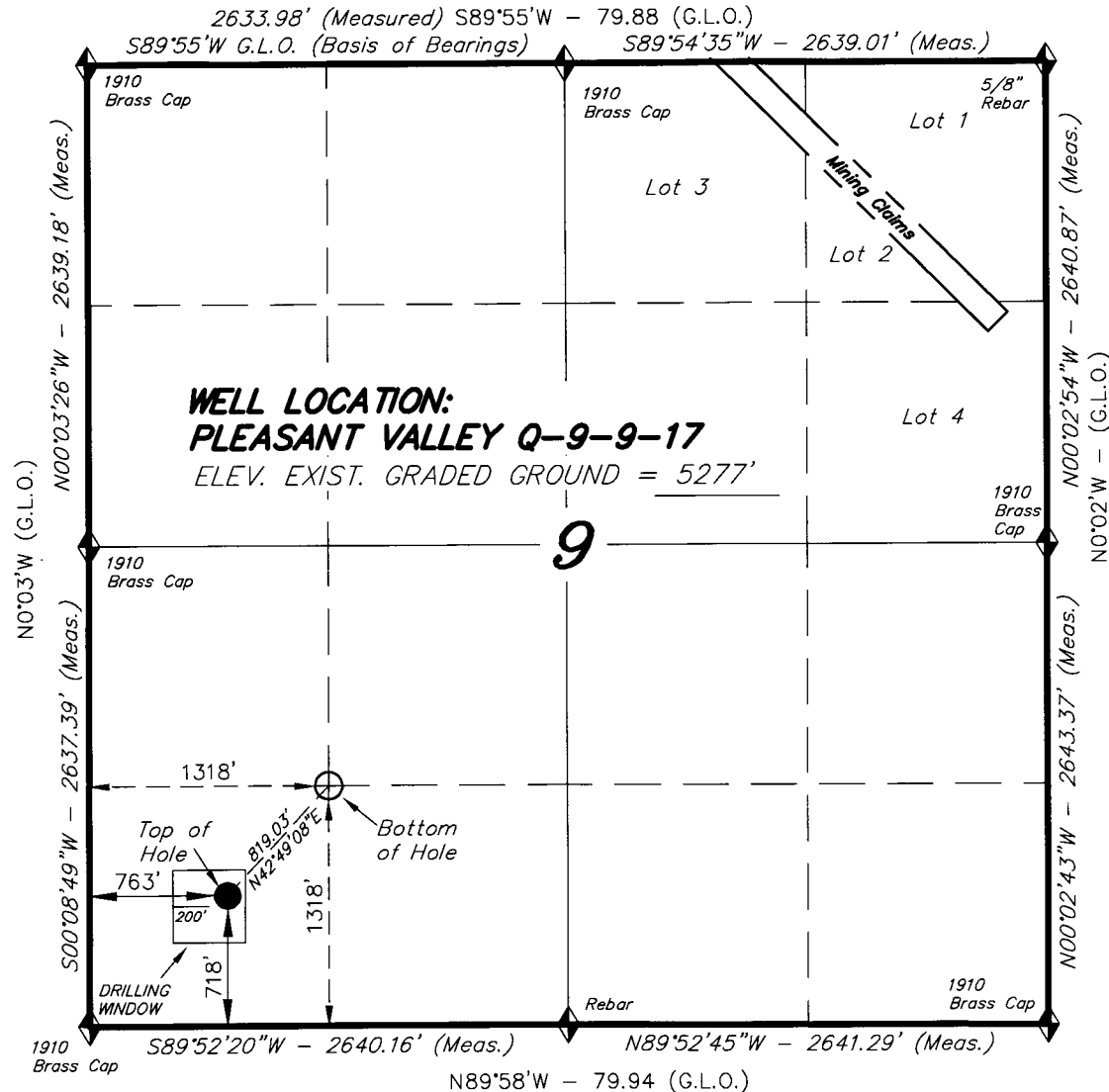
STACY W.  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 12337  
STATE OF UTAH

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SURVEYED BY: T.H.

DRAWN BY: F.T.M.

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

PLEASANT VALLEY Q-9-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 02' 24.65"  
LONGITUDE = 110° 01' 05.90"

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-013-33813

WELL NAME: PLEASANT VLY FED Q-9-9-17

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 09 090S 170E

SURFACE: 0718 FSL 0763 FWL

BOTTOM: 1318 FSL 1318 FWL

COUNTY: DUCHESNE

LATITUDE: 40.04021 LONGITUDE: -110.0175

UTM SURF EASTINGS: 583820 NORTHINGS: 4432472

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-50750

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- ☐ Potash (Y/N)
- ☐ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit  
(No. 43-10136 )
- ☐ RDCC Review (Y/N)  
(Date: )
- ☐ Fee Surf Agreement (Y/N)
- ☐ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit: PLEASANT VALLEY (GR)

\_\_\_ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 234-1

Eff Date: 8-24-19 75

Siting: 460' fr 1/4 1/4 & 920' fr other wells

☒ R649-3-11. Directional Drill

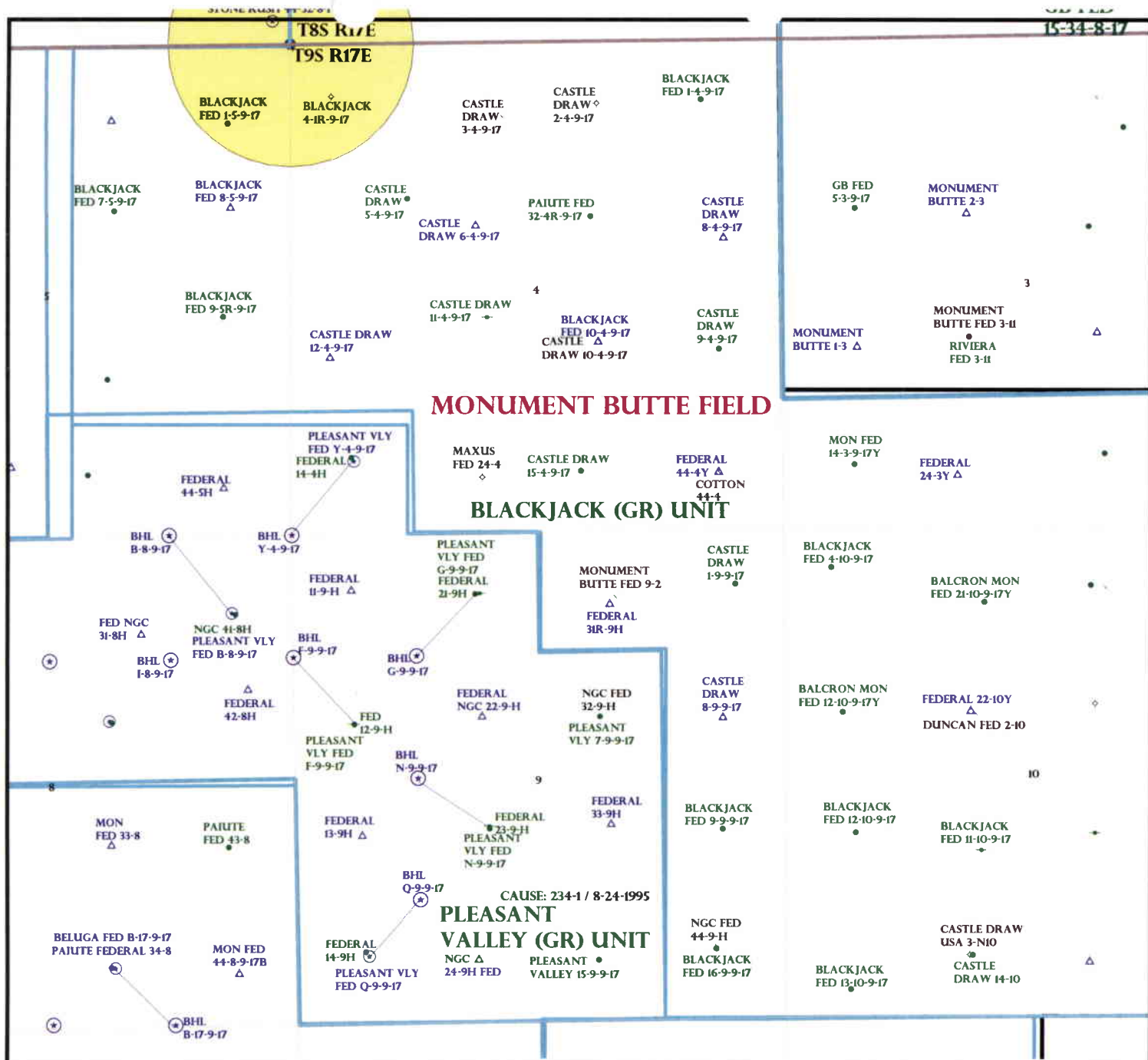
COMMENTS:

*Sep, Separate file*

STIPULATIONS:

*1- Federal Approval*





OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 4.9 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 234-1 / 8-24-1995

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 29-NOVEMBER-2007



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 29, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Pleasant Valley  
Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Pleasant Valley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-33809	Pleasant Valley Fed Y-4-9-17 Sec 04 T09S R17E 0787 FSL 0667 FWL	
	BHL Sec 04 T09S R17E 0000 FSL 0000 FWL	

43-013-33813	Pleasant Valley Fed Q-9-9-17 Sec 09 T09S R17E 0718 FSL 0763 FWL	
	BHL Sec 09 T09S R17E 1318 FSL 1318 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Pleasant Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:11-29-07



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

November 29, 2007

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Pleasant Valley Federal Q-9-9-17 Well, Surface Location 718' FSL, 763' FWL, SW SW, Sec. 9, T. 9 South, R. 17 East, Bottom Location 1318' FSL, 1318' FWL, SW SW, Sec. 9, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33813.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office



Operator: Newfield Production Company  
Well Name & Number Pleasant Valley Federal Q-9-9-17  
API Number: 43-013-33813  
Lease: UTU-50750

Surface Location: SW SW      Sec. 9      T. 9 South      R. 17 East  
Bottom Location: SW SW      Sec. 9      T. 9 South      R. 17 East

**Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**718 FSL 763 FWL SW/SW Section 9, T9S R17E**

5. Lease Designation and Serial No.

**UTU-50750**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**PLEASANT VALLEY**

8. Well Name and No.

**PLEASANT VALLEY FED Q-9-9-17**

9. API Well No.

**43-013-33813**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Permit Extension**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. This APD has not yet been approved by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 10/30/2008

Initials: KS

Date: 10/31/08

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier  
Mandie Crozier

Title

Regulatory Specialist

Date

10/27/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED  
OCT 29 2008

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33813  
**Well Name:** Pleasant Valley Federal Q-9-9-17  
**Location:** SW/SW Section 9,T9S R17E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 11/29/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

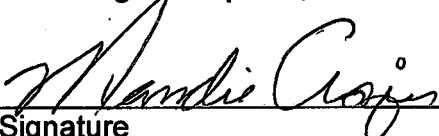
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

10/27/2008

Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING

RECEIVED  
VERNAL FIELD OFFICE

NOV 20 2007

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-50750
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pleasant Valley Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal Q-9-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33813
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 718' FSL 763' FWL At proposed prod. zone 1517' FSL 1545' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 14.9 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 9, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1095' f/ise, 1517' f/unit	16. No. of Acres in lease 360.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1129'	19. Proposed Depth 6000'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5277' GL	22. Approximate date work will start* 1st Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/14/08
Title: Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewala	NOV 06 2008
Title: Assistant Field Manager Lands & Mineral Resources		
Office: VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

NOV 17 2008

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

NOS 10/09/07

OBPP0026A

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company  
Well No: Pleasant Valley Federal Q-9-9-17  
API No: 43-013-33813

Location: SWSW, Sec. 9, T9S, R17E  
Lease No: UTU-50750  
Agreement: Pleasant Valley Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**STIPULATIONS:**

**TIMING RESTRICTIONS:**

- The proposed area contains Mountain Plover habitat. With this occurrence there will be a time restriction from May 15 – June 15 (only during construction and drilling) in order to minimize surface disturbance during Mountain Plover nesting season.

**CONDITIONS OF APPROVAL:**

- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. Flat-bladed roads are not allowed. All roads will have drainage ditches along both sides of road.
- All proposed pipelines (surface or buried) will be laid within one 50' wide construction ROW, parallel to the access road and existing roads; and pipelines will be laid on one side of the road. The 50' wide construction ROW will reduce to a 30' wide permanent ROW on the lease, after construction and installation of pipelines. ROW for this proposed project will be 1,030' long, in Lease UTU-50750.
- Surface pipelines will be buried at all roads and drainage crossings
- If additional erosion occurs during the life of this project, more culverts, berms, wing ditches, low water crossings, etc. will be constructed/installed in order to control erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.



- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Squirrell Tail ( <i>Elymus Elymoides</i> )	6 lbs/acre
Shadscale ( <i>Atriplex confertifolia</i> )	4 lbs/acre
Hycrest Crested Wheatgrass ( <i>Agropyron desertorum</i> )	6 lbs/acre

- All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered lands, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, then the area shall be seeded. **Note:** *Interim reclamation shall include the area of the well pad that is not needed or used for production operations.*
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines given for interim seed mix above. And if the broadcast method is used, the seed at a minimum will be walked into the soil with a dozer, immediately after seeding.
- The authorized officer may prohibit surface disturbing activities during severe winter or wet/muddy conditions in order to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted **Carlsbad Canyon**, including the tin that the Central Tank Battery surface pipelines will be wrapped in.
- Stock-pile boulders (3 feet in length/diameter) for use during final reclamation.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- None.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person

making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig  
Name/# Ross #29 Submitted By Alvin  
Nielsen Phone Number 435-823-  
7468  
Well Name/Number Pleasant Valley Fed Q-9-9-  
17  
Qtr/Qtr SW/SW Section 9 Township 9S Range  
17E  
Lease Serial Number UTU  
50750  
API Number 43-013-  
33813

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

☐ Date/Time 4/6/09 9:00 AM ☒ PM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

☒ Date/Time 4/6/09 3:00 AM ☐ PM

BOPE

☐ Initial BOPE test at surface casing point

- ☐ BOPE test at intermediate casing point  
☐ 30 day BOPE test  
☐ Other

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks Ross Rig # 29 spud the Pleasant Valley Federal Q-9-9-17 on 4/6/09 @ 9:00 AM & Run casing around 3:00 PM 4/6/09.

\_\_\_\_\_

\_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11880 ✓	4301334045	BELUGA STATE F-16-9-17	NWNW	16	9S	17E	DUCHESNE	4/3/2009	4/16/09
WELL 1 COMMENTS: GRUV											
B	99999	12277 ✓	4301333813	PLEASANT VALLEY FEDERAL Q-9-9-17	SWSW	9	9S	17E	DUCHESNE	4/6/2009	4/16/09
GRUV BHL = SWSW											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

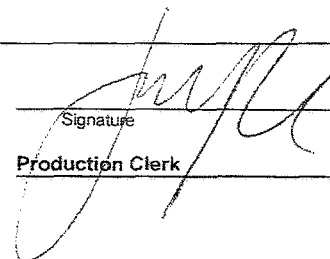
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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APR 13 2009

DIV OF OIL, GAS & MINING

Signature  Jentri Park  
Production Clerk  
Date 04/13/09

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-50750

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: PLEASANT VALLEY FEDERAL Q-9-9-17
PHONE NUMBER 435.646.3721		9. API NUMBER: 4301333813
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 718 FSL 763 FWL		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 9, T9S, R17E		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/12/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/7/09 MIRU Ross # 29. Spud well @ 9:00am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.07' On 4/8/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Don Bastian

TITLE Drilling Foreman

SIGNATURE

*Don Bastian*

DATE 04/12/2009

(This space for State use only)

RECEIVED  
APR 15 2009

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

**8 5/8" CASING SET AT 312.07**

LAST CASING 8 5/8" SET AT 312.07

DATUM 12

DATUM TO CUT OFF CASING 12

DATUM TO BRADENHEAD FLANGE 12

TD DRILLER                      320                      LOGGER

HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company

WELL PLSNT VLY Q-9-9-17

FIELD/PROSPECT Monument Butte

CONTRACTOR & RIG # **Ross Rig #29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		WHI-92 Csg Head			8rd	A	0.95
8	8 5/8"	Maverick ST&C Csg (Shoe Jt 37.62')	24#	J-55	8rd	A	310.22
1	8 5/8"	Guide Shoe			8rd	A	0.9

COMPANY REPRESENTATIVE Don Bastian DATE 4/8/2009

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

718 FSL 763 FWL

SWSW Section 9 T9S R17E

5. Lease Serial No.

USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

PLEASANT VALLEY UNIT

8. Well Name and No.

PLEASANT VALLEY FEDERAL Q-9-9-17

9. API Well No.

4301333813

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/20/09 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,980' & a TVD of 5867'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 153 jt's of 5.5 J-55, 15.5# csgn. Set @ 5976.76' KB. Cement with 252 sks cement mixed @ 11.0 ppg & 3.54 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 40 bbls cement returned to pit. Nipple down Bop's. Drop slips @70,000 #'s tension. Release rig 7:00 PM 2/25/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

*Alvin Nielsen*

Title

Drilling Foreman

Date

04/26/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**APR 30 2009**

DIV. OF OIL, GAS & MINING

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

5 1/2"	CASING SET AT	5976.76
--------	---------------	---------

LAST CASING	<u>8 5/8"</u>	SET AT	<u>312.07</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE			<u>12</u>
TD DRILLER	<u>5980</u>	LOGC	<u>5955</u>
HOLE SIZE	<u>7 7/8"</u>		

OPERATOR **Newfield Exploration Company**  
WELL **PLSNT VLY Q-9-17**  
FIELD/PROSPECT **Monument Butte**  
CONTRACTOR & RIG # **NDSI # 2**

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1	5 1/2"	Landing Jt		15.5	J-55	LTC	A	14
153	5 1/2"	LT&C casing		15.5	J-55	LTC	A	5923.56
1	5 1/2"	Float collar				LTC	A	0.6
1	5 1/2"	LT&C casing		15.5	J-55	LTC	A	39.95
1	5 1/2"	Guide Shoe				LTC	A	0.65

[illegible]

COMPANY REPRESENTATIVE

DATE 4/25/2009

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-50750

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 718 FSL 763 FWL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
PLEASANT VALLEY UNIT

8. WELL NAME and NUMBER:  
PLEASANT VALLEY FEDERAL Q-9-9-17

9. API NUMBER:  
4301333813

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW, 9, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/02/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06/03/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 07/02/2009

(This space for State use only)

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JUL 06 2009

DIV. OF OIL, GAS & MINING



## Daily Activity Report

**Format For Sundry**  
**PLSNT VLY Q-9-9-17**  
**4/1/2009 To 8/30/2009**

**5/6/2009 Day: 1**
**Completion**

Rigless on 5/6/2009 - 5 May 09 - RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. WLTD @ 5880' cement top @ 46'. Perforate stage #1. CP3 sds @ 5627-5633' & CP1 sds @ 5517-5524 w/ 4 spf - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5880' cement top @ 46'. Perforate stage #1. CP3 sds @ 5627-5633' & CP1 sds @ 5517-5524' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. 131 BWTR. SIFN.

**Daily Cost: \$0**
**Cumulative Cost: \$10,387**
**5/7/2009 Day: 2**
**Completion**

Rigless on 5/7/2009 - Frac Stage #1 of 6. w/ 15,123 #'s 20/40 sand. Spot 12 bbls of 15% HCl during flush for stage #2. ISDP = 2126 psi. FG = .83 psi/ft. 5 min shut-in = 2013 psi. 10 min shut-in = 1941 psi. 15 min shut-in = 1886 psi. SWIFN. 420 BWTR. - Stage #1 CP1/CP3 sd.. RU BJ Services. Pressure test BJ equipment to 5200 psi. Test good. Open BOP's @ 14:35 pm. 1200 psi on well (probably pressure pressure test). Pressure up on CP1/CP3. No distinct formation brake/took 3.5 bpm rate. Shut down immediately. ISIP = 1919 psi. Initial FG = .78. 1 min shut-in = 1795 psi. 4 min shut-in = 1729. Frac CP1/CP3 as planned w/ 15,123 #'s 20/40 sand. Spot 12 bbls of 15% HCl during flush for stage #2. ISDP = 2126 psi. FG = .83 psi/ft. 5 min shut-in = 2013 psi. 10 min shut-in = 1941 psi. 15 min shut-in = 1886 psi. SWIFN. 420 BWTR.

**Daily Cost: \$0**
**Cumulative Cost: \$12,727**
**5/8/2009 Day: 3**
**Completion**

Western #3 on 5/8/2009 - 8may-Frac stages 2 thru 6. Stage # 2 cut in half. BJ had multiple surface equipment issues pumping @ 40 BPM. Had blender/pump problems caused violent line vibrations (leaking) resulting in two mid-frac shutdowns. Stage #3 only got to 6 ppg hold. 2999 BWTR - Stage #2 LODC sd.. RU PSI WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 8' & 8' & 6' perf guns. Set plug @ 5420'. Perforate LODC sds @ 5340-5348' & 5290-5298' & 5238-5244' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 88 shots. RU BJ Services. Open BOP's @ 7:38 am. 1584 psi on well. Pressure up on LODC sds. Formation broke @ 3450 psi. Shut down immediately after break. ISIP = 2095 psi. Initial FG = .83. 1 min shut-in = 1610 psi. 4 min shut-in = 1560. Frac LODC sds w/ 127,351 #'s 20/40 sand (112,649#'s short of the planned 240K ). BJ had multiple surface equipment issues pumping @ 40 BPM. Had blender and pump problems that caused violent line vibrations (leaking) resulting in two mid-frac shutdowns. We were down a total of ~30 min w/ 8 ppg in wellbore. Decision was made to go straight to flush at restart. Flushed w/ 125.7 bbls of slickwater. ISDP = 2854 psi. FG = .97 psi/ft. 5 min shut-in = 2156 psi. 10 min shut-in = 2044 psi. 15 min shut-in = 2001 psi. Turn well over to PSI to set plug and shoot stage #3. 1547 BWTR. - Stage #5 D2 sd.. RU PSI WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 11' & 5' perf gun. Set plug @ 4160'. Perforate D2 sds @ 4650-4664' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 56 shots. RU

BJ Services. Open BOP's @ 4:28 pm. 1691 psi on well. Pressure up on D2 sds. Formation broke @ 3724 psi. Shut down immediately after break. ISIP = 1762 psi. Initial FG = .82. Frac D2 sds w/ 96,163 #'s 20/40 sand (10,000#'s over b/c excess on location). Spot 12 bbls of 15% HCl during flush for stage #6. Turn well over to PSI to set plug and shoot stage #6. 3947 BWTR. - Stage #4 C/B.5 sd.. RU PSI WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6' & 6' & 8' perf guns. Set plug @ 4900'. Perforate B.5 sds @ 4830-4836 & 4812-4818 & C sd @ 4758-4766' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. Open BOP's @ 2:50 pm. 2182 psi on well. Pressure up on B.5/C sds. Formation broke after several attempts @ 4122 psi. Shut down immediately after break. ISIP = 1896 psi. Initial FG = .83. Skipped 1 & 4 min SI's b/c pressure was increasing. Frac B.5/C sds as planned w/ 36,333 #'s 20/40 sand. Spot 12 bbls of 15% HCl during flush for stage #5. ISDP = 2263 psi. FG = .91 psi/ft. 5 min shut-in = 2080 psi. 10 min shut-in = 1967 psi. 15 min shut-in = 1913 psi. Turn well over to PSI to set plug and shoot stage #5. 3240 BWTR. - Stage #3 LODC sd.. RU PSI WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 10' & 4' & 6' perf guns. Set plug @ 5210'. Perforate LODC sds @ 5170-5180' & 5142-5146' & 5108-5114' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. Open BOP's @ 1:52 pm. 1456 psi on well. Pressure up on LODC sds. No distinct break, but formation taking 6.5 bpm @ 3800 psi. Spot 3 bbls 28% HCl. Broke back to 3000 psi. Frac LODC sds w/ 161023 #'s 20/40 sand. Frac did not reach 8 ppg hold as planned. We did a 1-4# ramp, then 4 # hold, then 4-6# ramp, then 6# hold then into flush. Did not goto 8 ppg due to pressure. ISDP = 2546 psi. FG = .93 psi/ft. 5 min shut-in = 2478 psi. 10 min shut-in = 2448 psi. 15 min shut-in = 2424 psi. Turn well over to PSI to set plug and shoot stage #3. 2848 BWTR. - Stage #6 GB4 sd.. RU PSI WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 14' perf gun. Set plug @ 4704'. Perforate GB4 sds @ 4093-4104' & 4072-4077' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. Open BOP's @ 6:10 pm. 1415 psi on well. Pressure up on GB4 sds. Formation broke @ 2836 psi. Shut down immediately after break. ISIP = 1692 psi. Initial FG = .85. Frac GB4 sds w/ 56,478 #'s 20/40 sand. 4439 BWTR Flow well back after 15 min SI @ 3 BPM for 8 hrs. Recovered ~ 1440 bbls. SI when turned to oil and gas. 2999 BWTR -

**Daily Cost:** \$0

**Cumulative Cost:** \$170,446

## 5/12/2009 Day: 4

## Completion

Western #3 on 5/12/2009 - 11 May - 1000 psi on well. Set kill plug. Drill kill plug. Drill plug #1. Circulate well clean. SWIFN. Recovered ~ 460 bbls water & 90 bbls oil. 2539 BWTR - Check pressure on well. 1000 psi. RU perforators WLT. RIH w/ 10K composite kill plug. Set kill plug @ 3980'. RD WLT. MIRU WWS#3. Well dead. Replace 1 x deadman. ND frac head and BOP's. NU production head & 5K BOP's MU & RIH w/ used 4-3/4" chomp bit, bit sub and 2-7/8" J55 6.5# EUE 8rd production tbg. Circulate well clean of oil at 1650'. Tag plug @ 3980'. Drill out plug in 20 min. Blew well to pit and flat tank for 2 hrs until workable. Cont. TIH. Tag plug #1 @ 4160'. Drill out plug in 15 min. Circulate well clean. SWIFN. Recovered ~ 460 bbls water & 90 bbls oil.

**Daily Cost:** \$0

**Cumulative Cost:** \$189,082

## 5/13/2009 Day: 5

## Completion

Western #3 on 5/13/2009 - 12 May - 1200 psi on tbg. 1200 psi on csg. Drill remaining plugs and clean out to PBTD. Gained ~ 590 bbls water & 200 bbls oil today. 1949 BWTR - Check pressure on well. 1200 psi on tbg. 1200 psi on csg. Circulate oil to production tanks. Circulate well for 2 hrs until well is workable. Cont. PU & TIH w/ tbg. Tag plug # 2 @ 4704'. Drill out plug in 35 min. Wait on brine. Convert to brine system to drill plugs. Circulate 120 bbls of

brine. Tag plug #3 @ 4900'. Drill out plug in 30 min. Cont TIH. Tag plug # 4 @ 5210'. Drill out plug in 40 min. Cont TIH. Tag plug # 5 @ 5420'. Drill out plug in 30 min. Cont TIH. Tag fill @ 5776'. Clean out 146' of fill to PBTD @ 5922'. Circulate well clean. LD 3 jts. EOT @ 5837'. Well started to flow. Flowed 60 bbls fluid in 45 min. SWIFN. Gained ~ 590 bbls water & 200 bbls oil today. Sent 8 loads of pit water to disposal (~1000 bbls)

**Daily Cost:** \$0

**Cumulative Cost:** \$244,256

**5/14/2009 Day: 6**

**Completion**

Western #3 on 5/14/2009 - 850 psi on tbg. 800 psi on csg. Could not kill well. Land tbg on BOP's & RU to flow. Started flowing through treater @ 12:00 PM on 13 May 09 on 24/64" adjustable choke. 350 psi on tbg. 440 psi on csg. Recovered ~ 80 bbls water. 1869 BWTR. - Check pressure on well. 850 psi on tbg. 800 psi on csg. Circulate 276 bbls fresh brine down casing. Pump 34 bbls down tbg. LD extra tbg. Well would not die. Land tbg on BOP's & RU to flow w/ 182 jts, bit sub & 4-3/4" bit in hole. Bit @ 5714.58' (w/ 12' KB). Started flowing through treater @ 12:00 PM on 13 May 09 on 24/64" adjustable choke. 350 psi on tbg. 440 psi on csg. RDMOSU. Recovered ~ 80 bbls water. 1869 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$256,046

**6/2/2009 Day: 7**

**Completion**

NC #1 on 6/2/2009 - 1 Jun 09 - Pump 193 bbls down tbg to kill well. POOH w/ 182 jts tbg, bit sub, and 4-3/4" bit. PU and RIH w/ production tbg. - MIRU NC#1. Well had 40 psi on csg. 20 psi on tbg. Hot oiler heated brine water to 110 degrees. Pump 193 bbls down tbg to kill well. POOH w/ 182 jts tbg, bit sub, and 4-3/4" bit. PU and RIH w/ NC, 2 jts tbg, SN, 2 jts tbg, 5-1/2" TAC, 178 jts tbg. ND BOP's, set TAC w/ 18,000#'s tension. NU wellhead. SWIFN. Lost 80 bbls today.

**Daily Cost:** \$0

**Cumulative Cost:** \$263,905

**6/3/2009 Day: 8**

**Completion**

NC #1 on 6/3/2009 - Run rod string. PWOP on 3 Jun 09 @ 1:30 pm. W/ 144" SL @ 4 SPM-----  
-----FINAL REPORT----- - Check pressure on well. 50 spi on casing. 0 psi on tbg. Flush tbg w/ 35 bbls brine. PU & strike test CDI 2-1/2"x1-3/4"x16"x20' RHAC pump. RIH w/ pump, 4 x 1-1/2" weight bars, 221 x 7/8" 8per guided rods, 4' 7/8" pony, 1-1/2" x 30' polish rod. Seat pump. PU pumping unit. Fill tbg w/ 1 bbl water. Stroke unit and tbg to 800 psi. Good test. RDMOSU. - PWOP on 3 Jun 09 @ 1:30 pm. W/ 144" SL @ 4 SPM-----  
-----FINAL REPORT----- **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$306,492

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. UTU-50750							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name NA							
2. Name of Operator NEWFIELD EXPLORATION COMPANY		7. Unit or CA Agreement Name and No. FEDERAL							
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202		8. Lease Name and Well No. PLEASANT VALLEY Q-9-9-17							
3a. Phone No. (include area code) (435)646-3721		9. AFI Well No. 43-013-33813							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 718' FSL & 763' FWL (SW/SW) SEC. 9, T9S, R17E  At top prod. interval reported below BHL: 1318' FSL & 1318' FWL (SW/SW)  At total depth 5980' 1467 fsl 1512 fwl per HSM review		10. Field and Pool or Exploratory MONUMENT BUTTE							
14. Date Spudded 04/07/2009		11. Sec., T., R., M., on Block and Survey or Area SEC. 9, T9S, R17E							
15. Date T.D. Reached 04/24/2009		12. County or Parish DUCHESNE							
16. Date Completed 05/13/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State UT							
17. Elevations (DF, RKB, RT, GL)* 5277' GL 5289' KB									
18. Total Depth: MD 5980' TVD 5867'		20. Depth Bridge Plug Set: MD TVD							
19. Plug Back T.D.: MD 5922' TVD 5811		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND							
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		312'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5977'		252 PRIMLITE		46'	
						401 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 5729'	TA @ 5603'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) GREEN RIVER			(CP3)5627-33(CP1)5517-2	.49"	4	52			
B) GREEN RIVER			(LODC) see below	.49"	4	88			
C) GREEN RIVER			(LODC) see below	.49"	4	80			
D) GREEN RIVER			(B.5) & (C) see below	.49"	4	32			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5524-5633'	Frac CP1/CP3 as planned w/ 15,123 #'s 20/40 sand.								
5238-5348'	Frac LODC sds w/ 127,351 #'s 20/40 sand (112,649#'s short of the planned 240K ).								
5108-5178'	Frac LODC sds w/ 161023 #'s 20/40 sand. Frac did not reach 8 ppg hold as planned.								
4758-4836'	Frac B.5/C sds as planned w/ 36,333 #'s 20/40 sand.								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/13/09	06/13/09	24	→	47	13	82			CDI 2-1/2"x1-3/4"x16"x20' RHAC pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3582' 3777'
				GARDEN GULCH 2 POINT 3	3892' 4158'
				X MRKR Y MRKR	4398' 4452'
				DOUGALS CREEK MRK BI CARBONATE MRK	4570' 4800'
				B LIMESTON MRK CASTLE PEAK	4914' 5467'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5897' 5965'

## 32. Additional remarks (include plugging procedure):

STAGE 2: Perforate LODC sds @ 5340-5348' & 5290-5298' & 5238-5244' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 88 shots.  
 STAGE 3: Perforate LODC sds @ 5170-5180' & 5142-5146' & 5108-5114' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 80 shots.  
 STAGE 4: Perforate B.5 sds @ 4830-4836 & 4812-4818 & C sd @ 4758-4766' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 80 shots.  
 STAGE 5: Perforate D2 sds @ 4650-4664' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 56 shots. Frac D2 sds w/ 96,163 #'s 20/40 sand (10,000#'s over b/c excess on location).  
 STAGE 6: Perforate GB4 sds @ 4093-4104' & 4072-4077' w/ 3-1/8" Slick Guns (19 gram, .40"EH, 120°) w/ 4 spf for total of 64 shots. Frac GB4 sds w/ 56,478 #'s 20/40 sand.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)      ☐ Geologic Report      ☐ DST Report      ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification      ☐ Core Analysis      ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tammi LeeTitle Production ClerkSignature Tammi LeeDate 06/23/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



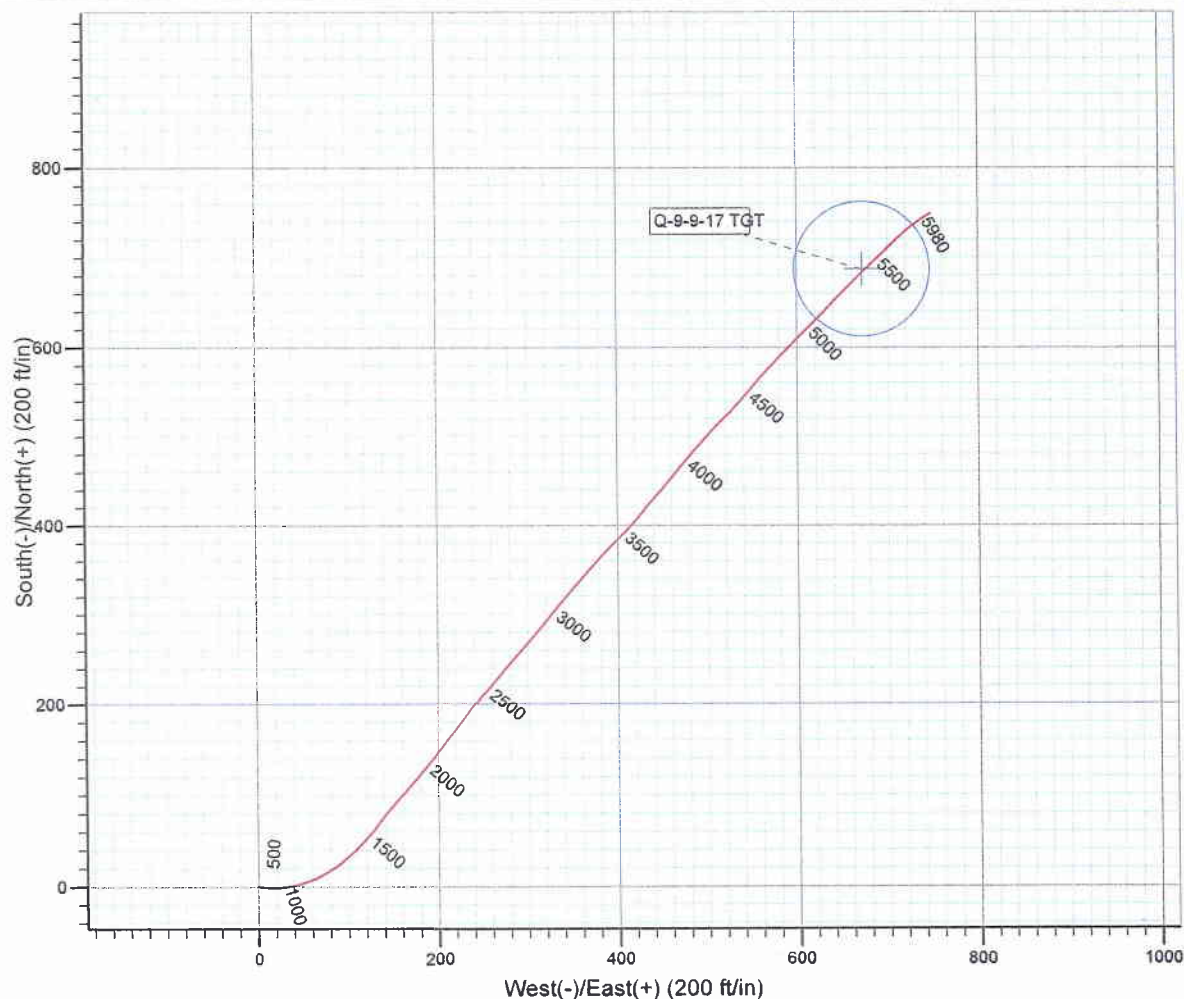
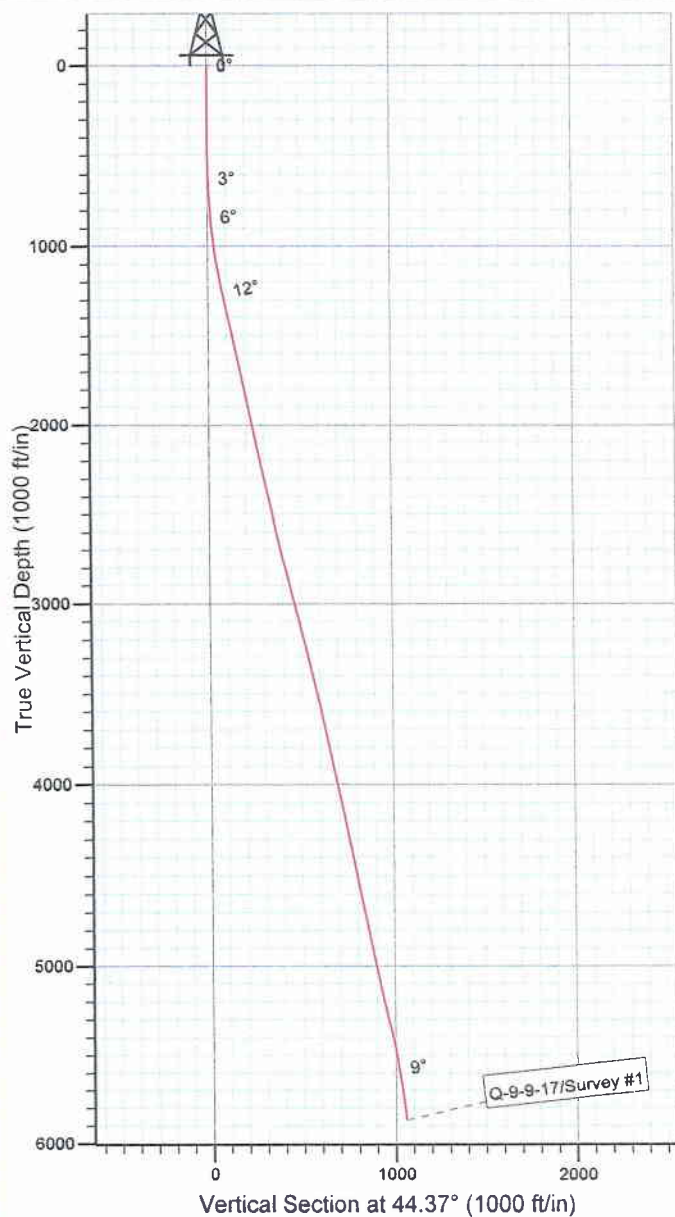
Project: USGS Myton SW (UT)  
 Site: SECTION 9  
 Well: Q-9-9-17  
 Wellbore: Wellbore #1  
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North  
 Magnetic North: 11.57°

Magnetic Field  
 Strength: 52525.7snT  
 Dip Angle: 65.86°  
 Date: 2009/03/19  
 Model: IGRF200510



Survey: Survey #1 (Q-9-9-17/Wellbore #1)

Created By: *Jim Hudson*

Date: 8:55, April 30 2009

THIS SURVEY IS CORRECT TO THE BEST OF MY  
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD  
 DATA.



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 9**

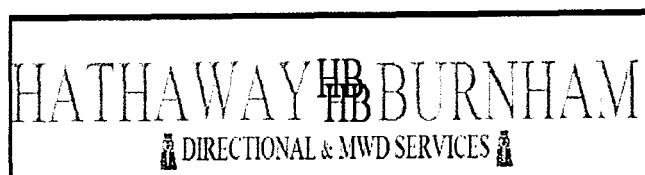
**Q-9-9-17**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

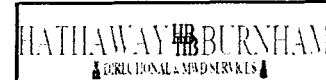
**30 April, 2009**





# HATHAWAY BURNHAM

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9  
**Well:** Q-9-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Q-9-9-17  
**TVD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**MD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

<b>Project</b>	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		Using geodetic scale factor

<b>Site</b>	SECTION 9, SEC 9, T9S, R17E		
<b>Site Position:</b>		<b>Northing:</b>	7,188,759.15 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,057,063.19 ft
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"
		<b>Latitude:</b>	40° 2' 43.754 N
		<b>Longitude:</b>	110° 0' 41.923 W
		<b>Grid Convergence:</b>	0.95 °

<b>Well</b>	Q-9-9-17, SHL LAT: 40 02 24.65, LONG: -110 01 05.90		
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b> 7,186,795.43 ft
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b> 2,055,230.94 ft
<b>Position Uncertainty</b>	0.0 ft	<b>Wellhead Elevation:</b>	ft
		<b>Latitude:</b>	40° 2' 24.650 N
		<b>Longitude:</b>	110° 1' 5.900 W
		<b>Ground Level:</b>	0.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	2009/03/19	11.57	65.86	52,526

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	44.37	

<b>Survey Program</b>	<b>Date</b> 2009/04/30				
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft)	(ft)				
363.0	5,980.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

<b>Survey</b>									
<b>Measured</b>	<b>Inclination</b>	<b>Azimuth</b>	<b>Vertical</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Vertical</b>	<b>Dogleg</b>	<b>Build</b>	<b>Turn</b>
<b>Depth</b>	<b>(°)</b>	<b>(°)</b>	<b>Depth</b>	<b>(ft)</b>	<b>(ft)</b>	<b>Section</b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
<b>(ft)</b>	<b>(°)</b>	<b>(°)</b>	<b>(ft)</b>	<b>(ft)</b>	<b>(ft)</b>	<b>(ft)</b>	<b>(°/100ft)</b>	<b>(°/100ft)</b>	<b>(°/100ft)</b>
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
363.0	0.18	186.96	363.0	-0.6	-0.1	-0.5	0.05	0.05	0.00
394.0	0.31	139.76	394.0	-0.7	0.0	-0.5	0.74	0.42	-152.26
425.0	0.55	100.45	425.0	-0.8	0.2	-0.4	1.18	0.77	-126.81
455.0	1.01	110.34	455.0	-0.9	0.6	-0.2	1.59	1.53	32.97
485.0	1.49	93.42	485.0	-1.0	1.2	0.1	2.00	1.60	-56.40
517.0	1.91	91.13	517.0	-1.0	2.2	0.8	1.33	1.31	-7.16
547.0	2.37	96.25	547.0	-1.1	3.3	1.5	1.66	1.53	17.07
578.0	2.72	90.43	577.9	-1.2	4.6	2.4	1.40	1.13	-18.77
609.0	3.08	93.37	608.9	-1.2	6.2	3.5	1.26	1.16	9.48
639.0	3.34	93.57	638.8	-1.3	7.9	4.6	0.87	0.87	0.67
670.0	3.63	94.98	669.8	-1.5	9.8	5.8	0.98	0.94	4.55
700.0	4.00	94.21	699.7	-1.6	11.8	7.0	1.25	1.23	-2.57





**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9  
**Well:** Q-9-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Q-9-9-17  
**TVD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**MD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
732.0	4.72	93.31	731.6	-1.8	14.2	8.6	2.26	2.25	-2.81
762.0	5.05	90.50	761.5	-1.9	16.7	10.4	1.36	1.10	-9.37
792.0	5.62	91.66	791.4	-1.9	19.5	12.3	1.93	1.90	3.87
823.0	6.02	88.78	822.2	-2.0	22.7	14.5	1.60	1.29	-9.29
854.0	6.37	81.62	853.0	-1.7	26.0	17.0	2.73	1.13	-23.10
884.0	6.81	80.50	882.8	-1.1	29.4	19.7	1.53	1.47	-3.73
916.0	7.32	79.77	914.6	-0.5	33.3	22.9	1.62	1.59	-2.28
948.0	8.00	77.44	946.3	0.4	37.5	26.5	2.34	2.13	-7.28
979.0	8.61	75.38	977.0	1.4	41.8	30.3	2.19	1.97	-6.65
1,010.0	9.17	73.84	1,007.6	2.7	46.4	34.4	1.96	1.81	-4.97
1,042.0	9.51	71.40	1,039.2	4.3	51.4	39.0	1.63	1.06	-7.63
1,073.0	10.06	69.47	1,069.7	6.0	56.3	43.7	2.07	1.77	-6.23
1,105.0	10.50	67.12	1,101.2	8.2	61.6	48.9	1.90	1.38	-7.34
1,137.0	10.79	64.70	1,132.7	10.6	67.0	54.4	1.66	0.91	-7.56
1,168.0	11.01	61.87	1,163.1	13.2	72.3	60.0	1.87	0.71	-9.13
1,200.0	11.32	59.45	1,194.5	16.2	77.7	65.9	1.76	0.97	-7.56
1,232.0	11.79	57.95	1,225.9	19.6	83.1	72.1	1.74	1.47	-4.69
1,263.0	12.24	55.16	1,256.2	23.1	88.5	78.4	2.37	1.45	-9.00
1,295.0	12.52	51.56	1,287.4	27.2	94.0	85.2	2.57	0.88	-11.25
1,390.0	12.96	45.41	1,380.1	41.1	109.7	106.1	1.50	0.46	-6.47
1,485.0	12.24	41.28	1,472.8	56.2	123.9	126.8	1.21	-0.76	-4.35
1,581.0	12.02	35.83	1,566.7	71.9	136.5	146.8	1.21	-0.23	-5.68
1,676.0	11.78	42.66	1,659.6	87.1	148.8	166.3	1.50	-0.25	7.19
1,771.0	11.12	42.97	1,752.8	100.9	161.7	185.2	0.70	-0.69	0.33
1,866.0	11.83	39.55	1,845.9	115.1	174.1	204.0	1.03	0.75	-3.60
1,960.0	12.63	39.12	1,937.7	130.5	186.7	223.9	0.86	0.85	-0.46
2,055.0	11.58	40.66	2,030.6	145.8	199.5	243.7	1.16	-1.11	1.62
2,151.0	11.70	39.45	2,124.6	160.6	211.9	263.0	0.28	0.13	-1.26
2,246.0	13.54	36.33	2,217.3	177.0	224.7	283.6	2.06	1.94	-3.28
2,340.0	12.54	37.45	2,308.9	194.0	237.4	304.7	1.10	-1.06	1.19
2,435.0	12.41	41.61	2,401.7	209.8	250.4	325.1	0.96	-0.14	4.38
2,530.0	11.36	38.49	2,494.6	224.8	263.0	344.6	1.30	-1.11	-3.28
2,625.0	11.60	41.89	2,587.7	239.2	275.2	363.5	0.76	0.25	3.58
2,720.0	13.36	40.00	2,680.5	254.7	288.7	383.9	1.90	1.85	-1.99
2,814.0	14.37	40.84	2,771.7	271.9	303.3	406.4	1.10	1.07	0.89
2,909.0	14.74	40.11	2,863.7	290.0	318.8	430.2	0.43	0.39	-0.77
3,004.0	13.03	38.05	2,955.9	307.7	333.2	452.9	1.87	-1.80	-2.17
3,099.0	14.63	40.79	3,048.2	325.2	347.6	475.6	1.82	1.68	2.88
3,194.0	14.46	41.12	3,140.1	343.2	363.2	499.4	0.20	-0.18	0.35
3,289.0	13.43	40.24	3,232.3	360.6	378.2	522.2	1.11	-1.08	-0.93
3,384.0	13.18	44.73	3,324.8	376.7	392.9	544.0	1.12	-0.26	4.73
3,479.0	13.32	43.72	3,417.2	392.3	408.1	565.8	0.28	0.15	-1.06
3,574.0	12.81	40.02	3,509.8	408.3	422.4	587.3	1.03	-0.54	-3.89
3,669.0	11.43	40.86	3,602.7	423.5	435.4	607.2	1.46	-1.45	0.88
3,765.0	11.93	39.37	3,696.7	438.3	447.9	626.5	0.61	0.52	-1.55
3,860.0	12.77	40.16	3,789.5	454.0	460.9	646.8	0.90	0.88	0.83
3,955.0	12.19	38.51	3,882.2	469.8	473.9	667.2	0.72	-0.61	-1.74
4,050.0	11.69	40.44	3,975.2	485.0	486.4	686.8	0.67	-0.53	2.03
4,145.0	12.44	42.73	4,068.1	499.8	499.6	706.7	0.94	0.79	2.41
4,240.0	11.78	44.40	4,161.0	514.3	513.3	726.6	0.79	-0.69	1.76
4,335.0	11.45	44.13	4,254.0	528.0	526.7	745.7	0.35	-0.35	-0.28
4,430.0	11.82	40.02	4,347.1	542.2	539.5	764.8	0.96	0.39	-4.33
4,525.0	11.98	40.38	4,440.0	557.2	552.1	784.4	0.19	0.17	0.38
4,621.0	11.16	41.10	4,534.1	571.8	564.7	803.6	0.87	-0.85	0.75



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9  
**Well:** Q-9-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Q-9-9-17  
**TVD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**MD Reference:** Q-9-9-17 @ 5289.0ft (RIG#2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,716.0	12.08	43.52	4,627.1	585.9	577.6	822.7	1.10	0.97	2.55
4,810.0	11.91	44.57	4,719.1	599.9	591.2	842.2	0.29	-0.18	1.12
4,905.0	11.18	44.40	4,812.1	613.5	604.5	861.3	0.77	-0.77	-0.18
5,000.0	10.63	46.35	4,905.4	626.1	617.3	879.2	0.70	-0.58	2.05
5,096.0	11.39	42.59	4,999.7	639.2	630.1	897.5	1.09	0.79	-3.92
5,190.0	12.24	44.09	5,091.7	653.2	643.3	916.8	0.96	0.90	1.60
5,285.0	13.54	44.66	5,184.3	668.4	658.1	938.0	1.37	1.37	0.60
5,381.0	14.06	45.69	5,277.5	684.5	674.4	960.9	0.60	0.54	1.07
5,402.9	13.55	45.66	5,298.8	688.1	678.1	966.1	2.31	-2.31	-0.16
<b>Q-9-9-17 TGT</b>									
5,476.0	11.87	45.52	5,370.1	699.4	689.6	982.2	2.31	-2.31	-0.19
5,571.0	11.01	44.42	5,463.2	712.7	702.9	1,001.0	0.93	-0.91	-1.16
5,666.0	9.03	47.58	5,556.7	724.2	714.8	1,017.5	2.16	-2.08	3.33
5,761.0	7.84	53.01	5,650.7	733.2	725.5	1,031.4	1.51	-1.25	5.72
5,855.0	7.95	53.16	5,743.8	740.9	735.8	1,044.2	0.12	0.12	0.16
5,925.0	6.85	60.26	5,813.2	745.9	743.3	1,053.0	2.04	-1.57	10.14
5,980.0	6.50	60.26	5,867.9	749.1	748.8	1,059.1	0.64	-0.64	0.00

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

H	HEADER	INFORMATION -----						
H	COMPANY	:	NEWFIELD	EXPLORATION				
H	FIELD	:	USGS	Myton	SW	(UT)		
H	SITE	:	SECTION	9				
H	WELL	:	Q-9-9-17					
H	WELLPATH:	Wellbore	#1					
H	DEPTHUNT:	ft						
H	SURVDATE:	4/30/2009						
H	DECLINATION	CORR.						
H	=	10.62 TO	GRIDH	-----				
H	WELL	INFORMATION						
H	WELL	EW	MAP	:	2055231			
H	WELL	NS	MAP	:	7186795			
H	DATUM	ELEVN	:	5289				
H	VSECT	ANGLE	:	44.37				
H	VSECT	NORTH	:	0				
H	VSECT	EAST	:	0				
H	-----							
H	SURVEY	TYPE	INFORMATION					
H	363	-	5980	SURVEY	#1	:	MWD	
H	-----							
H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	
	363	0.18	186.96	363	-0.57	-0.07	-0.45	0.05
	394	0.31	139.76	394	-0.68	-0.02	-0.5	0.74
	425	0.55	100.45	425	-0.77	0.18	-0.42	1.18
	455	1.01	110.34	455	-0.89	0.57	-0.24	1.59
	485	1.49	93.42	484.99	-1	1.21	0.13	2
	517	1.91	91.13	516.97	-1.04	2.15	0.76	1.33
	547	2.37	96.25	546.95	-1.12	3.27	1.49	1.66
	578	2.72	90.43	577.92	-1.19	4.64	2.4	1.4
	609	3.08	93.37	608.88	-1.25	6.21	3.45	1.26
	639	3.34	93.57	638.84	-1.35	7.89	4.55	0.87
	670	3.63	94.98	669.78	-1.49	9.77	5.77	0.98
	700	4	94.21	699.71	-1.65	11.76	7.04	1.25
	732	4.72	93.31	731.62	-1.81	14.18	8.63	2.26
	762	5.05	90.5	761.51	-1.89	16.74	10.35	1.36
	792	5.62	91.66	791.38	-1.94	19.53	12.26	1.93
	823	6.02	88.78	822.22	-1.95	22.67	14.46	1.6
	854	6.37	81.62	853.04	-1.67	25.99	16.99	2.73
	884	6.81	80.5	882.84	-1.13	29.39	19.75	1.53
	916	7.32	79.77	914.6	-0.46	33.27	22.94	1.62
	948	8	77.44	946.31	0.39	37.45	26.47	2.34
	979	8.61	75.38	976.99	1.45	41.8	30.26	2.19
	1010	9.17	73.84	1007.62	2.72	46.42	34.4	1.96
	1042	9.51	71.4	1039.19	4.27	51.38	38.98	1.63

1073	10.06	69.47	1069.74	6.04	56.34	43.71	2.07
1105	10.5	67.12	1101.23	8.15	61.64	48.93	1.9
1137	10.79	64.7	1132.68	10.57	67.04	54.43	1.66
1168	11.01	61.87	1163.12	13.2	72.27	59.97	1.87
1200	11.32	59.45	1194.51	16.24	77.67	65.92	1.76
1232	11.79	57.95	1225.86	19.57	83.15	72.13	1.74
1263	12.24	55.16	1256.18	23.13	88.53	78.44	2.37
1295	12.52	51.56	1287.44	27.22	94.03	85.21	2.57
1390	12.96	45.41	1380.11	41.1	109.68	106.08	1.5
1485	12.24	41.28	1472.82	56.15	123.91	126.79	1.21
1581	12.02	35.83	1566.68	71.9	136.48	146.83	1.21
1676	11.78	42.66	1659.64	87.05	148.84	166.31	1.5
1771	11.12	42.97	1752.75	100.89	161.66	185.16	0.7
1866	11.83	39.55	1845.85	115.1	174.1	204.02	1.03
1960	12.63	39.12	1937.72	130.5	186.72	223.86	0.86
2055	11.58	40.66	2030.6	145.8	199.49	243.72	1.16
2151	11.7	39.45	2124.63	160.62	211.95	263.03	0.28
2246	13.54	36.33	2217.33	177.02	224.66	283.64	2.06
2340	12.54	37.45	2308.91	193.99	237.38	304.67	1.1
2435	12.41	41.61	2401.67	209.81	250.43	325.1	0.96
2530	11.36	38.49	2494.63	224.76	263.04	344.61	1.3
2625	11.6	41.89	2587.73	239.2	275.24	363.46	0.76
2720	13.36	40	2680.48	254.72	288.67	383.94	1.9
2814	14.37	40.84	2771.74	271.86	303.28	406.42	1.1
2909	14.74	40.11	2863.69	290.02	318.78	430.23	0.43
3004	13.03	38.05	2955.91	307.7	333.16	452.93	1.87
3099	14.63	40.79	3048.16	325.22	347.6	475.55	1.82
3194	14.46	41.12	3140.11	343.24	363.24	499.37	0.2
3289	13.43	40.24	3232.31	360.59	378.17	522.22	1.11
3384	13.18	44.73	3324.76	376.71	392.92	544.05	1.12
3479	13.32	43.72	3417.24	392.31	408.1	565.82	0.28
3574	12.81	40.02	3509.78	408.29	422.44	587.27	1.03
3669	11.43	40.86	3602.66	423.47	435.37	607.17	1.46
3765	11.93	39.37	3696.67	438.34	447.89	626.54	0.61
3860	12.77	40.16	3789.47	453.95	460.89	646.8	0.9
3955	12.19	38.51	3882.23	469.83	473.9	667.25	0.72
4050	11.69	40.44	3975.17	485	486.39	686.83	0.67
4145	12.44	42.73	4068.07	499.84	499.58	706.66	0.94
4240	11.78	44.4	4160.96	514.29	513.31	726.58	0.79
4335	11.45	44.13	4254.01	527.98	526.66	745.71	0.35
4430	11.82	40.02	4347.06	542.2	539.48	764.84	0.96
4525	11.98	40.38	4440.02	557.16	552.12	784.38	0.19
4621	11.16	41.1	4534.07	571.76	564.69	803.59	0.87
4716	12.08	43.52	4627.12	585.89	577.58	822.71	1.1
4810	11.91	44.57	4719.07	599.93	591.16	842.25	0.29
4905	11.18	44.4	4812.15	613.5	604.48	861.26	0.77
5000	10.63	46.35	4905.43	626.13	617.26	879.23	0.7

5096	11.39	42.59	4999.66	639.22	630.09	897.55	1.09
5190	12.24	44.09	5091.67	653.21	643.3	916.79	0.96
5285	13.54	44.66	5184.28	668.35	658.12	937.98	1.37
5381	14.06	45.69	5277.51	684.49	674.37	960.88	0.6
5476	11.87	45.52	5370.08	699.4	689.6	982.19	2.31
5571	11.01	44.42	5463.19	712.73	702.92	1001.03	0.93
5666	9.03	47.58	5556.74	724.23	714.77	1017.54	2.16
5761	7.84	53.01	5650.71	733.16	725.45	1031.39	1.51
5855	7.95	53.16	5743.82	740.92	735.78	1044.16	0.12
5925	6.85	60.26	5813.24	745.89	743.28	1052.96	2.04
5980	6.5	60.26	5867.86	749.06	748.83	1059.1	0.64

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-50750			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PLEASANT VLY FED Q-9-9-17			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0718 FSL 0763 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 09 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013338130000			
<b>PHONE NUMBER:</b> 303 382-4443 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/5/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input checked="" type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input checked="" type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input checked="" type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield Production Company requests approval for water shut-off of subject well by isolating CP1 and CP3 zones with a cast iron bridge plug. Please contact Tom Walker at 303-383-4114 with any questions.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> <u>March 31, 2010</u> <b>By:</b> <u>[Signature]</u>			
<b>NAME (PLEASE PRINT)</b> Sam Styles	<b>PHONE NUMBER</b> 303 893-0102	<b>TITLE</b> Engineering Tech			
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/25/2010			